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PHILOSOPHY

Maharashtra University of Health Sciences believes in systematic teaching, training and research in Modern Medical Sciences and uniformity in various courses in medical and Allied health sciences. The philosophy of the B. Sc. Nursing is incorporated by Maharashtra University of Health Sciences at par of Indian Nursing Council.

Indian Nursing Council believes that, Health is a state of well-being that enables a person to lead a psychologically, socially and economically productive life. Health is a right of all the people. Individuals, families and communities has a responsibility towards maintaining their health.

Nursing contributes to the health services in vital and significant way in the health care delivery system. It recognizes national health goals and is committed to participate in the implementation of National Health policies and programmes. It aims at identifying health needs of the people , planning and providing quality care in collaboration with other health professionals and community groups.

Scope of nursing practice encompasses provision of promotive, preventive, curative and rehabilitative aspects of care to people across their life span in wide variety of health care settings. Practice of Nursing is based upon application of basic concepts and principles derived from the physical, biological, behavioral sciences, medicine and nursing.

Nursing is based on values of caring, and aims to help individuals to attain independence in self-care. It necessitates development of compassion and understanding of human behavior among its practitioners to provide care with respect and dignity and protect the rights of individuals and groups.

Undergraduate nursing program is broad based education within an academic framework, specifically directed to the development of critical thinking skills, competencies & standards required for practice of professional nursing and midwifery as envisaged in National Health Policy 2002.

The teachers have the responsibility to be role models and create learning environment that enables students to acquire inquiry driven, self directed learning and foster an attitude of life long learning.

Under graduate nursing education program prepares its graduates to become exemplary citizen by adhering to code of ethics and professional conduct at all times in fulfilling personal, social and professional obligations so as to respond to national aspirations.

AIMS

The aim of the undergraduate nursing program is :

- Prepare graduates to assume responsibilities as professional, competent nurses and midwives at basic level in providing promotive, preventive, curative and rehabilitative services.
- Prepare nurses who can make independent decisions in nursing situations, protect the rights of facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor and manager in a clinical / public health setting.

OBJECTIVES

On completion of B.Sc. Nursing degree programme the graduates will be able to:

1. Apply knowledge from physical, biological and behavioral sciences, medicine, including alternative systems and nursing in providing nursing care to individuals, families and communities.
2. Demonstrate understanding of life style and other factors, which affect health of individuals and groups.
3. Provide nursing care based on steps of nursing process in collaboration with the individuals and groups
4. Demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.
5. Utilise the latest trends and technology in providing health care.
6. Provide promotive, preventive and restorative health services in line with the national health policies and programs.
7. Practice within the framework of code of ethics and professional conduct and acceptable standards of practice within the legal boundaries.
8. Communicate effectively with individuals and groups and members of the health team in order to promote effective interpersonal relationships and teamwork.

9. Demonstrate skills in teaching to individuals and groups in clinical/ community health settings.
10. Participate effectively as members of the health team in health care delivery system.
11. Demonstrate leadership and managerial skills in clinical / community health settings.
12. Conduct need based research studies in various settings and utilize the research findings to improve the quality of care.
13. Demonstrate awareness, interest and contribute towards advancement of self and of the profession.

ADMISSION REQUIREMENTS

1. The minimum age for admission shall be 17 years on or before 31st Dec. of the year of admission
2. The minimum educational requirements shall be the passing of: Higher secondary school certificate Examination (12 years course),
Or
Senior School certificate Examination (10+2), pre-degree Examination (10+2)
Or

An equivalent with 12 years schooling from a recognized board or University with science (Physics, chemistry, Biology) and English with minimum of 50% aggregate marks (PCBE) passing one at the same time.

3. Candidate shall be medically fit.

Entrance / Selection test

Selection of the candidates should be based on the merit of the entrance examination held by University or competent authority.

Duration

Duration of the course shall be four years including internship.

Vacation

08 weeks vacation shall be given in each year.

DURATION

Course duration	=	4 yrs.
Weeks available per year	=	52 weeks
Vacation	=	8 weeks
Gazetted holidays	=	as per MUHS
Examination (including preparatory)		4 weeks
Hours available per academic year		1480 (37 weeks x 40 hours) minimum

Course of instruction

First year

Subject	Theory (In hrs) Class & Lab)	Practical (In hrs) (Clinical)	(In Hrs)
1 * English	60		
2 Anatomy	60		
3 Physiology	60		
4 Nutrition	60		
5 Biochemistry	30		
6 Nursing Foundation	265+200	450	
7 Psychology	60		
8 Microbiology	60		
9 Introduction to computers	45		
10 ** Hindi / Regional language	30		
11 Library work / self study			50
12 Co-curricular activities			50
Total hours	930	450	100
Total hours = 1480 hrs			

** Optional

Second year

Subject	Theory (In hrs) Class & Lab)	Practical (In hrs) (Clinical)	(In Hrs)
1 Sociology	60		
2 Pharmacology	45		
3 Pathology &	30		
4 Genetics	15		
5 Medical-surgical Nursing (Adult including geriatrics) – I	210	720	
6 Community Health Nursing I	90	135	
7 Communication & Educational Technology	60+30		
8 Library work / self study			50
9 Co-curricular activities			35
Total	540	855	85
hours			
Total hours = 1480 hrs			

Third year

Subject	Theory (In hrs) Class & Lab)	Practical (In hrs) (Clinical)	(In Hrs)
1. Medical – surgical Nursing (Adult including geriatrics)- II	120	270	
2. Child health Nursing	90	270	
3. Mental Health Nursing	90	270	
4. Midwifery and obstetrical nursing	90	180	
5. Library work / self study			50
6. Co-curricular activities			50
Total	390	990	100
hours			
Total hours = 1480 hrs			

Fourth year

Subject	Theory (In hrs) Class & Lab)	Practical (In hrs) (Clinical)	
1. Midwifery and obstetrical nursing		180	
2. Community Health Nursing	90	135	
3. Nursing Research & Statistics	45	*	
4. Management of Nursing services and education	60+30		
Total hours	225	315	
Total hours = 540 hrs			

* Project work to be carried out during internship

Practical – 30 hours per week

Internship (Integrated Practice)

Subject	Theory	Practical (In hrs)	In weeks
1. Midwifery and Obstetrical Nursing		240	5
2. Community Health Nursing II		195	4
3. Medical Surgical Nursing (Adult and Geriatrics)		430	9
4. Child Health		145	3
5. Mental Health		95	2
6. Research Project		45	1
Total hours		1150	24
Total hours = 1690 hrs			

Note :

1. Internship means 8 hours of integrated clinical duties in which 2 weeks of evening and night shift duties are included.
2. Internship should be carried out as 8 hours per day @ 48 hours per week.
3. Students during internship will be supervised by nursing teachers.
4. Fourth year final examination to be held only after completing internship.

Scheme of Examination

First year

Subject	Assessment			
	Hours	Internal	External	Total
Theory				
1. Anatomy & Physiology	3	25	75	100
2. Nutrition and Biochemistry	3	25	75	100
3. Nursing Foundation	3	25	75	100
4. Psychology	3	25	75	100
5. Microbiology	3	25	75	100
6. * English	--	100 (College level qualifying exam, minimum passing Marks 40%.)		100
7. # Introduction to computer	--	100 (College level qualifying exam, minimum passing Marks 50%.)		100
Practical & Viva Voce				
1. Nursing Foundation		100	100	200

- * College level qualifying exam to appear in University Examination, minimum passing Marks 40%.
- # College level qualifying exam to appear in University Examination must be minimum 50% combined i.e. 50 marks out of 100 marks (Theory & Practical Examination clubbed together)

Second year

Subject	Assessment			
	Hours	Internal	External	Total
8. Sociology	3	25	75	100
9. Medical Surgical Nursing – I	3	25	75	100
10. Pharmacology, Pathology, genetics	3	25	75	100
11. Community Health Nursing – I	3	25	75	100
12. Communication and Educational Technology	3	25	75	100
Practical & Viva Voce				
2. Medical Surgical Nursing – I		100	100	200

Third year

Subject	Assessment			
	Hours	Internal	External	Total
Theory				
13. Medical Surgical Nursing	3	25	75	100
14. Child Health Nursing	3	25	75	100
15. Mental Health Nursing	3	25	75	100
Practical & Viva Voce				
3. Medical Surgical Nursing – II		50	50	100
4. Child Health Nursing		50	50	100
5. Mental Health Nursing		50	50	100

Fourth year

Subject	Assessment			
	Hours	Internal	External	Total
Theory				
16 Midwifery and Obstetrical nursing	3	25	75	100
17 Community Health Nursing – II	3	25	75	100
18 # Nursing Research & Statistics	--	100 (College level qualifying exam, minimum passing Marks 50%.)	--	100
19 Management of Nursing Services and education	3	25	75	100
Practical & Viva Voce				
6. Midwifery and Obstetrical nursing	3	50	50	100
7. Community Health Nursing	3	50	50	100

College level qualifying exam to appear in University Examination, minimum passing Marks 50%.

N.B.:

1. Anatomy and Physiology University question paper will consist of section A Anatomy of 37 marks and B Physiology should be of 38 marks.
2. Nutrition and Biochemistry University question paper will consist of Section A Nutrition of 45 marks and Section B Biochemistry of 30 marks.
3. Pharmacology, Genetics, Pathology: Section A Pharmacology with 38 marks, Section B Pathology of 25 and Genetics with 12 marks.
4. Examination in the 'English' subject of 1st year Basic B.Sc. Nursing course will be a college level Internal Assessment Qualifying Examination with minimum passing of 40% Marks. Student who fails or student who secures less than 40% Marks in the 'English' subject will not become eligible to appear in any subject of the University's final examination. Marks of 'English' subject are to be send to the University along with Internal Assessment Marks of other subjects for inclusion in the Mark Sheet.
5. Examination in the 'Introduction to Computer' subject of 1st year & 'Nursing Research and Statistics' subject of 4th year Basic B.Sc. Nursing course will be a college level Internal Assessment Qualifying Examination with minimum passing of 50% Marks. Student who fails or student who secures less than 50% Marks each i.e. independently in the Internal Assessment (Theory) Head and independently in the Internal Assessment (Practical/Project) Head of the both subject will not become eligible to appear in any subject of the University's final examination of respective year. Marks of both the subjects are to be send to the University along with Internal Assessment Marks of other subjects for inclusion in the Mark Sheet.
6. Minimum pass marks shall be 50% in each of the Theory and practical papers separately.
7. A candidate must have minimum of 80% attendance (irrespective of the kind of absence) in theory and practical in each subject for appearing University examination.
8. A candidate must have 100% attendance in each of the practical areas before award of degree.
9. A candidate has to pass in theory and practical exam separately in each of the paper.
10. If a candidate fails in either theory or practical paper he/she has to re-appear for both the papers (Theory and practical).
11. All practical examinations must be held in the respective clinical areas.
12. One internal and One external examiners should jointly conduct practical examination for each student.
13. An examiner should be a lecturer or above in a college of nursing with M.Sc. (N) in concerned subject and minimum of 3 years of teaching experience. To be an examiner for nursing foundations course faculty having M.Sc.(N) with any specialty shall be considered.

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ANATOMY AND PHYSIOLOGY

Theory - Anatomy : 60

Physiology : 60

Placement : First Year

Course Description -The course is designed to assist students to acquire the knowledge of the normal structure of human body & functions. To ensure the students to understand the alternation in anatomical structure and function in disease and practice of Nursing.

Specific objectives – At the end of the course the students will be able to:

- 1) Describe the general structure and functions of the body as a whole.
- 2) Describe the general and microscopic structure and functions of each system of the body.
- 3) Explain the macroscopic and microscopic structure and functions of each organs of the body.
- 4) Understand the effects of alterations in structures and functions of as whole.
- 5) Apply the knowledge of anatomy and physiology in the practice of nursing.

Anatomy

Theory – 60 hours

(Class 40+ lab 20 hours)

UNIT	HRS	LEARNING OBJECTIVE	CONTENTS	TEACHING LEARNING ACTIVITIES	ASSESSMENT METHODS
I Introduction	6 Hrs T = 5 P = 1	Describe the anatomical terms, organization of human body and structure of cell, tissues membranes and glands.	Systems <ul style="list-style-type: none">• Cell & Cell division Tissues (including glands) <ul style="list-style-type: none">• Regions, cavities Membranes	Lecture, Discussion Explain using charts, microscopic slides skeleton and torso. <ul style="list-style-type: none">• Demonstrate cell types of tissues membranes and glands.• Journal	Short answer questions Objective type

UNIT	HRS	LEARNING OBJECTIVE	CONTENTS	TEACHING LEARNING ACTIVITIES	ASSESSMENT METHODS
II Skeletal System	7 Hrs T = 4 P = 3	Classify the Principal types of bones on the basis of its shape Describe anatomical position structure and functions of bones and joints - List various abnormal conditions of bones and joints	Skeletal System Function of bones Typical bone Bone-growth-healing of fracture Skeleton – Axial, Appendicular Bones- Classification Joints – Classification Typical Synovial joint Alteration in Disease Application and implication in nursing	Lecture Discussion Explain using charts, Skeleton loose bones and joints Journal	Short answer questions, Objective type and Short notes
III Muscular System	7 Hrs T = 5 P = 2	Explain the structure and functions of principal muscles of the body. List the disorders of muscular system	Muscular tissue review Typical skeletal muscle/Principles of lever Classification- Shape, red & pale, prime mover, Antagonist, Synergist Muscle groups & movements at a joint Head, face, neck, Back, Upper Limb, Thorax, Abdominal, Pelvis, Perineum, Lower Limb Alteration in Disease Application and implication in nursing	Lecture Discussion Explain using charts, models, and films Demonstrate muscular movements Journal	Short answer questions Objective type

UNIT	HRS	LEARNING OBJECTIVE	CONTENTS	TEACHING LEARNING ACTIVITIES	ASSESSMENT METHODS
IV Respiratory System	4 Hrs T = 2 P = 2	Describe the anatomical position, size, shape and structure of organs of respiratory system. Enumerate the principal muscles of respiration. List the abnormalities of respiratory system.	Trachea, lung, pleura Musculoskeletal frame Mechanism of respiration Alteration in Disease Application and implication in nursing	Lecture Discussion Explain using models, torso, charts, slides and specimens Journal.	Long answer and Short answer questions Objective Type and Short notes
V Digestive System	6 Hrs T = 4 P = 2	Describe the anatomical position, size, shape and structure of organs of digestive system List the abnormalities of digestive system.	Mouth- Tooth, mastication Salivary glands deglutition, Esophagus Stomach Intestines, Liver, Biliary Apparatus, Pancreas Peritoneum Alteration in disease Application and implication in nursing	Lecture discussion Explain using models torso, charts, slides and specimens Journal.	Long answer and Short answer questions Objective type and Short notes.
VI Cardiovascular System	6 Hrs T= 4 P =2	Describe the anatomical position, size, shape and structure of organs Explain arterial, venous and lymphatic circulation. Enumerate the	Heart & Pericardium Arterial & venous system(Systemic , Pulmonary, Hepatoportal Coronary) Lymphatic System and Lymphoid tissue Thymus Lymph node Spleen Lymph	Lecture discussion Explain using models torso, charts, slides and specimens Journal.	Long answer and Short answer questions Objective Type and Short notes

UNIT	HRS	LEARNING OBJECTIVE	CONTENTS	TEACHING LEARNING ACTIVITIES	ASSESSMENT METHODS
		disorders of heart and circulatory system.	nodules		
VII Urinary System (Excretory)	5 Hrs T =3 P =2	Describe the anatomical position, size, shape and structure of organs of urinary system Explain incontinence and list the abnormalities of urinary system.	Kidney Ureter, Urinary bladder Urethra & continence Skin	Lecture Discussion Explain using models torso, charts, slides and specimens Journal.	Short answer questions Objective type and Short notes
VIII Reproductive system	3 Hrs T=2 P=1	Describe the anatomical position, size, shape and structure of male and female reproductive organs List the abnormalities male and female reproductive system.	Male reproductive Female reproductive Breast	Lecture Discussion Explain using models torso, charts, slides and specimens Journal.	Short answer questions Objective type and Short notes
IX Endocrine System	3 Hrs T= 2 P=1	Describe the anatomical position, size, shape and structure of various organs of the endocrine system. List the abnormalities of system.	Pituitary Thyroid Parathyroid & Pancreas Suprarenal	Lecture Discussion Explain using models torso, charts, slides and specimens Journal.	Short answer questions Objective type and Short notes

UNIT	HRS	LEARNING OBJECTIVE	CONTENTS	TEACHING LEARNING ACTIVITIES	ASSESSMENT METHODS
X Nervous System	9 Hrs T= 7 P=2	Describe the anatomical position, size, shape and structure of various organs of the nervous system. Compare the functions of different parts of the brain. List the abnormalities of nervous system.	Cerebrum Diencephalon Brainstem & Spinal cord Cerebellum ANS & PNS Ventricles, CSF & Meninges	Lecture Discussion Explain using models torso, charts, slides and specimens Journal.	Short answer questions Objective type and Short notes
XI Sense organs	4 Hrs T= 2 P= 2	Describe the anatomical position, size, shape and structure of various sensory organs. List the abnormalities related to the sense organs.	Eye Ear Nose & tongue Skin	Lecture Discussion Explain using models torso, charts, slides and specimens Journal.	Short answer questions Objective type and Short notes

Physiology

Placement : First Year

Theory – 60 hours

(Class 50+ Lab 10 hours)

UNIT	HRS	LEARNING OBJECTIVES	CONTENTS	TEACHING LEARNING ACTIVITIES	ASSESSMENT METHODS
I Cell Physiology	T=2	Describe the physiology of cell, tissues membranes and glands	Tissue-- formation and repair. Membranes and glands functions Alteration in disease Application in nursing	Lecture discussion	Short answer questions Objective type
II Blood	6Hrs T=4 P=2	Describe the physiology of blood. Demonstrate blood, cell count, coagulation, and grouping, Hb.	Composition and functions of blood. Classification of blood cells Blood groups, blood coagulation. Hemoglobin: Structure, synthesis and breakdown, variations of molecules, estimation,	Lecture discussion Explain using charts and films Demonstration of blood cell counts, coagulation, grouping, and Hemoglobin estimation. Journal	Long answer and Short answer questions Objective type
III Lymphatic & immunological system.	T=2	Describe the physiology of Lymphatic & immunological system.	Circulation of lymph. Immunity. Formation of T cells & B Cells. Types of immune response. Antigens Cytokines Antibodies,	Lecture discussion Explain using charts, and films	Short & Long Answer questions Objective type

UNIT	HRS	LEARNING OBJECTIVES	CONTENTS	TEACHING LEARNING ACTIVITIES	ASSESSMENT METHODS
IV Muscular System	4Hrs T=3 P=1	Describe the neuro muscular transmission, and demonstrate muscle contraction and tone	Neuro muscular transmission. Stimulus and nerve impulse definitions and mechanisms. Physiology of muscle contraction. Alterations in disease.	Lecture discussion Explain using charts, models, slides, specimen and films Demonstration of muscle tone and contraction Journal	Short answer questions Objective type
V The Respiratory System	6Hrs T =4 P=2	Describe the Physiology and Mechanism of Respiration Demonstrate Spirometry.	Functions of Respiratory organs. Physiology of Respiration. Pulmonary ventilation, Volume Mechanics of respiration. Gaseous exchange in lungs. Carriage of Oxygen and carbon dioxide. Exchange of gases in tissues. Regulation of respiration. Alterations in disease.	Lecture discussion Explain using charts and films Demonstration in spirometry. Journal.	Long answer and Short answer questions Objective type
VI The Digestive System	T =5	Describe Physiology of Digestive system. Demonstrates BMR.	Functions of organs of digestive tract. Movements of alimentary tract. Digestion in Mouth, stomach, small intestine, large intestine. Absorption of food. Functions of liver, Gall bladder & pancreas	Lecture discussion Explain using charts and films Demonstration of BMR. Journal.	Long answers And Short Answer questions. Objective type

UNIT	HRS	LEARNING OBJECTIVES	CONTENTS	TEACHING LEARNING ACTIVITIES	ASSESSMENT METHODS
VII Circulatory System	6Hrs T=4 P=2	Describe the functions of heart. Demonstrates B.P and pulse monitoring	Functions of heart, conduction, cardiac cycle, circulation-- Principles, control, factors influencing B.P and pulse Alterations in disease.	Lecture discussion Explain using charts and films Demonstrates measurement of pulse and B.P., Journal.	Long answer and Short answer questions Objective type
VIII_ The Excretory System.	T=5	Describe the Physiology of excretory system	Functions of kidneys, ureters , urinary bladder and urethra. Composition of urine. Mechanism of Urine formation. Structure & Functions of skin. Regulation of body temperature. Fluid and electrolyte balance. Alteration in disease.	Lecture discussion Explain using charts and films	Long answer And Short Answer questions Objective type
IX_ The Reproductive System	T=5	Describe the Physiology of Male & Female Reproductive System.	Spermatogenesis Oogenesis. Function of Female Reproductive Organ. Function of Breast, Placenta, Ovaries. Female sexual cycle. Introduction to Embryology. Functions of the Male Reproductive Organs, Male function in reproduction, Male fertility system. Alteration in disease.	Lecture discussion Explain using charts, Models, specimen and films	Short answer Questions Objective type

UNIT	HRS	LEARNING OBJECTIVES	CONTENTS	TEACHING LEARNING ACTIVITIES	ASSESSMENT METHODS
X_ The Endocrine System.	T=5	Describe the physiology of Endocrine Glands.	<ul style="list-style-type: none"> • Functions of pituitary ,thymus, thyroid, Parathyroid (Calcium Metabolism) Pancreas, Supra renal Glands. • Alteration in disease 	<ul style="list-style-type: none"> • Lecture discussion Explain Using charts And Films 	Short answer questions. Objective type.
XI Nervous System	8Hrs T=7 P=1	Describe the physiology of reflexes, brain, cranial and spinal nerves. Demonstrate reflex action .	<ul style="list-style-type: none"> •Functions of neurologia and neurons •Functions of brain, spinal cord, and cranial and spinal nerves. •Cerebrospinal fluid---composition, circulation and function. •Reflex arc, reflex action and reflexes Muscle tone and posture •Autonomic functions ---Pain: somatic, visceral and referred •Autonomic learning and biofeedback • Alterations in disease 	Lecture discussion Explain using charts, models, and films Demonstrates nerve stimulus, reflex action, and reflexes.	Short answer questions Objective type
XII_ The Sensory Organs.	6Hrs T=4 P=2	Describe the physiology of sensory organs.	<ul style="list-style-type: none"> • Functions of skin, eye, ear, nose & tongue. • Alterations in disease 	Lecture discussion Explain using charts and film	Short answer questions. Objective type

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Evaluation Scheme

Subject Anatomy & Physiology	Assessment			
	Hours	Internal	External	Total
Theory	3	25	75	100

Details as follows:

Internal Assessment:

Theory:	15 Marks
Assignment (Writing Journal):	10 Marks
Total:	25 Marks

(Out of 25 Marks to be send to the University)

	Anatomy	Physiology	Total Marks	Average out of
Mid-Term	25	25	50	--
Prelim	37	38	75	--
Total	--	--	125	15
Assignment (Writing Journal)	25	25	50	10
Total	--	--	--	25 Marks

(125 Marks from mid-term & prelim (Theory) to be converted into 15 Marks and 50 Marks from Assignment (Writing Journal) to be converted into 10 Marks)

External Assessment:

(University Examination)	75 Marks
Section A: Anatomy:	37 Marks
Section B: Physiology:	38 Marks
Total:	75 Marks

GUIDE LINE FOR JOURNAL

ANATOMY

	Topics
1	Abdominal Region
2	The Cell
3	The Tissues – Epithelial, muscular, nervous and connective
4	Bones of appendicular skeleton – Scapula, humerus, radius, ulna
5	Bones of the axial skeleton – Hip, Femur, ankle and foot
6	The Joints
7	Principal Muscles – Deltoid, Biceps, triceps, respiratory, abdominal and gluteal
8	Respiratory System – Tracheo-broncheal tree, lungs
9	Digestive System – Stomach, Biliary tract, Pancreas, Liver (microscopic) Large intestine.
10	Circulatory System – Structure of heart, aorta and its branches, venous branches, lymph node.
11	Urinary System – gross and microscopic structure of kidney, KUB
12	Reproductive Male – testes with spermatic cord Female – uterus and its support
13	Endocrine system – Pituitary gland
14	Nervous system – Brain, ventricles, areas of cerebrum
15	Sense organs – Skin, Eye, Ear.

EVALUATION CRITERIA FOR JOURNAL: 25 marks

SN	Item	Maximum Marks	Mark allotted
1	Description <ul style="list-style-type: none"> • Organization • Adequacy of content • Related 	4 5 4	
2	Illustration <ul style="list-style-type: none"> • Adequacy • Neatness • Presentation 	4 4 4	

GUIDE LINE FOR JOURNAL

PHYSIOLOGY

SN	Topics
1	Properties of cardiac and skeletal Muscles
2	Reflex arc
3	Blood – Bleeding time, clotting time, Hb estimation, Blood Group, RBC, WBC
4	Heart Sound
5	Cardiac Cycle
6	Action Potentials, ECG
7	Spirometry
8	BMR
9	Menstrual Cycle
10	Cranial Nerves

EVALUATION CRITERIA FOR JOURNAL: 25 marks

SN	Item	Maximum Marks	Mark allotted
1	Description <ul style="list-style-type: none">• Organization• Adequacy of content• Related	4 5 4	
2	Illustration <ul style="list-style-type: none">• Adequacy• Neatness• Presentation	4 4 4	



NUTRITION & BIOCHEMISTRY

Nutrition

Placement: First Year

Theory 60-hours
(Class 45 + lab 15)

Course Description: The Course is designed to assist the students to acquire knowledge of the normal biochemical composition and functioning of human body and understand the alterations in biochemistry in diseases for practice of nursing.

Specific objectives: At the end of the course the students will be able to

1. To Understand the concept of nutrition & health.
2. Understand different types of nutrients, their importance, sources, functions and problems due to deficiency.
3. To plan balanced diet for individuals and groups.
4. Plan menu efficiently.
5. Explain methods of effective cooking and food preservation.
6. Apply the principles of food preparation in the practical field effectively

Unit	Time (Hrs)	Learning objectives	Content	Teaching Learning Activities	Evaluation
I	T=4	<ul style="list-style-type: none">Describe the relationship between nutrition & Health.	<p>Introduction</p> <ul style="list-style-type: none">Nutrition:<ul style="list-style-type: none">HistoryConceptsRole of nutrition in maintaining healthNutritional problems in IndiaNational nutritional policyFactors affecting food & nutrition : socio-economic, cultural, tradition, production, system of distribution, life style & food habits etcRole of food & its medicinal valueClassification of foodsFood standardsElements of nutrition: macro and microCalorie, BMR	<ul style="list-style-type: none">LectureDiscussionExplaining using chartsPanel Discussion	<ul style="list-style-type: none">Short answersObjective type

Unit	Time (Hrs)	Learning objectives	Content	Teaching Learning Activities	Evaluation
II	T=2	<ul style="list-style-type: none"> Describe the classification, functions, sources and recommended daily allowances (RDA) of carbohydrates 	Carbohydrates <ul style="list-style-type: none"> Classification Caloric value Recommended daily allowances Dietary sources. Functions Digestion, absorption and storage, metabolism of carbohydrates Malnutrition: Deficiencies and Over consumption 	<ul style="list-style-type: none"> Lecture Discussion Explaining using charts 	<ul style="list-style-type: none"> Short answers Objective type
III	T=2	<ul style="list-style-type: none"> Describe the classification, functions, sources and recommended daily allowances (RDA) of Fats. 	FATS <ul style="list-style-type: none"> Classification Caloric value Recommended daily allowances Dietary sources. Functions Digestion, absorption and storage, metabolism * Malnutrition: Deficiencies and Over consumption 	<ul style="list-style-type: none"> Lecture Discussion Explaining using charts 	<ul style="list-style-type: none"> Short answers Objective type
IV	T=4	<ul style="list-style-type: none"> Describe the classification, functions, sources and recommended daily allowances (RDA) of Proteins. 	Proteins <ul style="list-style-type: none"> Classification Caloric value Recommended daily allowances Dietary sources. Functions Digestion, absorption and storage, metabolism of carbohydrates * Malnutrition: Deficiencies and Over consumption 	<ul style="list-style-type: none"> Lecture Discussion Explaining using charts 	<ul style="list-style-type: none"> Short answers Objective type
V	T=4	<ul style="list-style-type: none"> Describe the classification, functions, sources and 	Energy <ul style="list-style-type: none"> Unit of Energy -Kcal Energy requirements of different categories of 	<ul style="list-style-type: none"> Lecture Discussion Explaining using charts Exercise Demonstration 	<ul style="list-style-type: none"> Short answers Objective type

Unit	Time (Hrs)	Learning objectives	Content	Teaching Learning Activities	Evaluation
		recommended daily allowances (RDA) of Energy.	people. <ul style="list-style-type: none"> Measurements of energy Body Mass Index (BMI) and basic metabolism Basal Metabolic Rate (BMR) - determination and factors affecting 		
VI	T=4	*Describe the classification, functions, sources and recommended daily allowances (RDA) of Vitamins.	Vitamins <ul style="list-style-type: none"> Classification Recommended daily allowances Dietary sources. Functions Absorption, synthesis, metabolism storage & excretion Deficiencies Hypervitaminosis 	<ul style="list-style-type: none"> Lecture Discussion Explaining using charts 	<ul style="list-style-type: none"> Short answers Objective type
VII	T=4	Describe the classification, functions, sources and recommended daily allowances (RDA) of Minerals.	Minerals <ul style="list-style-type: none"> Classification Recommended daily allowances Dietary sources. Functions Absorption, synthesis, metabolism storage & excretion Deficiencies Over consumption and toxicity 	<ul style="list-style-type: none"> Lecture Discussion Explaining using charts 	<ul style="list-style-type: none"> Short answers Objective type
VIII	T=3	Describe the sources, functions and requirements of water & electrolytes	Water & electrolytes <ul style="list-style-type: none"> Water: Daily requirements, regulation of water metabolism, distribution of body water, Electrolytes: Types, sources, composition of body fluids. Maintenance of 	<ul style="list-style-type: none"> Lecture Discussion Explaining Using charts 	<ul style="list-style-type: none"> Short answers Objective type

Unit	Time (Hrs)	Learning objectives	Content	Teaching Learning Activities	Evaluation
			fluid & electrolyte balance <ul style="list-style-type: none"> • Over hydration, dehydration and water intoxication • Electrolyte imbalances 		
IX	10 Hrs T=5 P=5	*Describe the Cookery rules and preservation of nutrients * Prepare & serve simple beverages & different types of foods	Cookery rules and preservation of nutrients <ul style="list-style-type: none"> • Principles, methods of cooking and serving □ Preservation of nutrients • Safe food handling – toxicity • Storage of food • Food preservation, food additives and its principles • Prevention of food adulteration Act(PFA) • Food standards 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Practice session 	<ul style="list-style-type: none"> • Short answers • Objective type • Assessment practice sessions
X	10 Hrs T=0 P=10	<ul style="list-style-type: none"> • Describe and plan balanced diet for different categories of people 	Balance diet <ul style="list-style-type: none"> • Elements • Food groups • Recommended Daily Allowance • Nutritive value of foods • Calculation of balanced diet for different categories of people • Factors influencing food selection, marketing and budgeting for various cultural and socioeconomic group • Planning menu • Introduction to 	<ul style="list-style-type: none"> • Lecture • Discussion • Explaining using charts • Practice session • Meal Planning 	<ul style="list-style-type: none"> • Short answers • Objective type • Exercise on menu planning

Unit	Time (Hrs)	Learning objectives	Content	Teaching Learning Activities	Evaluation
			therapeutic diets: Naturopathy-Diet <ul style="list-style-type: none"> • Demonstration: Fluid diet, Egg flip, Soup, barley water, whey water Soft diet: custard, Caramel custard, kanji, jelly Semisolid diet: Khichadi, mashed potatoes, kheer		
XI	T=4	<ul style="list-style-type: none"> • Describe various national programmes related to nutrition • Describe the role of nurse in assessment of nutritional status & nutrition education 	Role of nurse in nutritional Programmes <ul style="list-style-type: none"> • National programmes related to nutrition • Vitamin A deficiency programme • National iodine deficiency disorders (IDD) programme • Mid-Day meal programme • Integrated child development scheme (ICDS) • National and International agencies working towards food/nutrition • NIPCCD, CARE, FAO, NIN, CFTRI (Central food technology & research institute) etc. • Assessment of nutritional status • Nutrition education and role of nurse 	<ul style="list-style-type: none"> • Lecture • Discussion • Explaining with • Slide/film shows • Demonstration of Assessment of nutritional status 	<ul style="list-style-type: none"> • Short answers • Objective type

Bibliography :

- 1) Shubhangi Joshi, *Nutrition and Dietetics* 2nd edition, Tata McGraw – Hill publishing company Limited, New Delhi, 2002.
- 2) Dr. M. Swaminathan, *Handbook of Food and Nutrition*, The Bangalore printing and publishing Co. Ltd. (Bangalore press) 2004.

- 3) C. Gopalan, B. V. Ramasastri and S.C. Balasubramanian *Nutritive value of Indian Foods*, National Institute of Nutrition, Indian Council of Medical Research, Hyderabad 1999.
- 4) Joshi V.D. Handbook of *Nutrition and Dietetics* vora medical publications, 1999.
- 5) Kusum Gupta (L. C.Guple, Abhishek Gupta) *Food and Nutrition Facts and Figures*, 5th edition Jaypee brothers Medical publications (P) Ltd., New Delhi, India 2003.
- 6) T. K. Indrani, *Nursing Manual of Nutrition and Therapeutic Diet*, 1st edition Jaypee Brothers medical publishers (P) Ltd., 2003.
- 7) Antia – Clinical Dietetics and Nutrition, ed., 4th.

Biochemistry

Placement: First Year

Theory – 30 hours

Course Description: The Course is designed to assist the students to acquire knowledge of the normal biochemical composition and functioning of human body and understand the alterations in biochemistry in diseases for practice of nursing.

Specific objectives: at the end of the course the students will be able to:

- 1) To understand normal biochemistry of human body
- 2) To understand biochemical changes occurring in illness
- 3) To assist with simple biochemical test, interpret the results and draw inference.

Unit	Time (Hrs)	Objectives	Content	Teaching Learning Activities	Assessment methods
I	3	<ul style="list-style-type: none"> Describe the structure Composition and functions of cell Differentiate between Prokaryote and Eukaryote cell Identify techniques of Microscopy 	Introduction <ul style="list-style-type: none"> Definition and significance in nursing. Review of structure, Composition and functions of cell. Prokaryote and Eukaryote cell organization Microscopy 	<ul style="list-style-type: none"> Lecture discussion using charts, slides Demonstrate use of microscope 	<ul style="list-style-type: none"> Short answer questions Objective type.
II	6	<ul style="list-style-type: none"> Describe the Structure and functions of Cell membrane 	Structure and functions of Cell membrane <ul style="list-style-type: none"> Fluid mosaic model tight junction, Cytoskeleton Transport mechanism: diffusion, osmosis, filtration, active channel, sodium pump. Acid base balance-maintenance & diagnostic tests. <ul style="list-style-type: none"> PH buffers 	<ul style="list-style-type: none"> Lecture Discussion 	<ul style="list-style-type: none"> Short answer questions Objective type.
III	6	<ul style="list-style-type: none"> Explain the metabolism of carbohydrates 	Composition and metabolism of carbohydrates <ul style="list-style-type: none"> Types, structures, composition and uses. <ul style="list-style-type: none"> Monosaccharides , Disaccharides, 	<ul style="list-style-type: none"> Lecture discussion Demonstration of blood glucose monitoring 	<ul style="list-style-type: none"> Short answer questions Objective type.

Unit	Time (Hrs)	Objectives	Content	Teaching Learning Activities	Assessment methods
			Polysaccharides, Oligosaccharides <ul style="list-style-type: none"> Metabolism <ul style="list-style-type: none"> Pathways of glucose : <ul style="list-style-type: none"> Glycolysis Gluconeogenesis : Cori's cycle, Tricarboxylic acid (TCA) cycle Glycogenolysis Pentose phosphate pathways (Hexose mono phosphate) Regulation of blood glucose level Investigations and their interpretations.		
IV	4	<ul style="list-style-type: none"> Explain the metabolism of Lipids 	Composition and metabolism of Lipids <ul style="list-style-type: none"> Types, structure, composition and uses of fatty acids <ul style="list-style-type: none"> Nomenclature, Roles and Prostaglandins Metabolism of fatty acid <ul style="list-style-type: none"> Breakdown Synthesis Metabolism of triacylglycerols Cholesterol metabolism <ul style="list-style-type: none"> Biosynthesis and its Regulation <ul style="list-style-type: none"> Bile salts and bilirubin Vitamin D Steroid hormones Lipoproteins and their functions : <ul style="list-style-type: none"> VLDLs- IDLs, LDLs and HDLs Transport of lipids Atherosclerosis Investigations and their interpretations.	<ul style="list-style-type: none"> Lecture Discussion using charts Demonstration of laboratory tests 	<ul style="list-style-type: none"> Short answer questions Objective type.
V	6	<ul style="list-style-type: none"> Explain the metabolism of Lipids 	Composition and metabolism of Amino acids and Proteins <ul style="list-style-type: none"> Types, structure, composition and uses of Amino acids and Proteins Metabolism of Amino acids and Proteins <ul style="list-style-type: none"> Protein synthesis, targeting and glycosylation Chromatography Electrophoresis Sequencing 	<ul style="list-style-type: none"> Lecture discussion Demonstration of blood glucose monitoring 	<ul style="list-style-type: none"> Short answer questions Objective type.

Unit	Time (Hrs)	Objectives	Content	Teaching Learning Activities	Assessment methods
			<ul style="list-style-type: none"> Metabolism of Nitrogen <ul style="list-style-type: none"> Fixation and Assimilation Urea Cycle Hemes and chlorophylls Enzymes and co-enzymes <ul style="list-style-type: none"> Classification Properties Kinetics and inhibition Control <p>Investigations and their interpretations.</p>		
VI	2	<ul style="list-style-type: none"> Describe types, composition and utilization of Vitamins & minerals 	<p>Composition of Vitamins and minerals</p> <ul style="list-style-type: none"> Vitamins and minerals: <ul style="list-style-type: none"> Structure Classification Properties Absorption Storage & transportation Normal concentration <p>Investigations and their interpretations</p>	<ul style="list-style-type: none"> Lecture Discussion using charts Demonstration of laboratory tests 	<ul style="list-style-type: none"> Short answer questions Objective type.
VII	3	<ul style="list-style-type: none"> Describe Immunochemi stry 	<p>Immunochemistry</p> <ul style="list-style-type: none"> Immune response, Structure and classification of immunoglobins Mechanism of antibody production. Antigens: HLA typing. Free radical and Antioxidants. Specialised Protein : Collagen, Elastin, Keratin, Myosin, Lens Protein. Electrophoretic and Quantitative determination of immunoglobins - ELISA etc. <p>Investigation and their interpretations.</p>	<ul style="list-style-type: none"> Lecture discussion Demonstration on laboratory tests 	<ul style="list-style-type: none"> Short answer questions Objective type.

Bibliography :

1. U. Satyanarayan, Essentials of biochemistry, Books & allied (P) Ltd., Kolkata publisher, 2004.
2. Deb A.C.: Concepts of biochemistry (Theory & Practical) 1st edition, books & allied (P) Ltd. Publisher, Kolkata, 1999.
3. Deb. A.C. Fundamentals of biochemistry of biochemistry: 1st edition New central book Ag (P) Ltd., 2004.
4. Jacob Anthikad, Biochemistry for nurses; 2nd edition, Jaypee; 2001..
5. Gupta. R.C., Multiple choice questions in Biochemistry, 2nd edition, Jaypee, 2004.

Evaluation Scheme:

Subject Nutrition and Biochemistry	Assessment			
	Hours	Internal	External	Total
Theory	3	25	75	100

Details as follows:

Internal Assessment:

Theory:	15 Marks
Laboratory (Practicum):	10 Marks
Total:	25 Marks

(Out of 25 Marks to be send to the University)

Theory Examination:				15 Marks
	Nutrition	Biochemistry	Total Marks	Average out of
Mid-Term	35	15	50	--
Prelim	45	30	75	--
		Total	125	15

(125 Marks from mid-term & prelim (Theory) to be converted into 15 Marks)

Laboratory (Practicum):			10 Marks
Subject	Internal Exam Out of	Average Out of	
Nutrition	25	05	
Biochemistry	25	05	
Total	50	10	

Details as follows:

Evaluation Criteria for Nutrition (Practicum): 05 Marks

Sr. No.	Items	Marks
1	Selection of menu for specific group	05
2	Calculation of relative requirement	10
3	Presentation and recording	10
Total		25

(25 Marks from Nutrition Practicum to be converted into 05 Marks)

Evaluation Criteria for Biochemistry (Journal): 05 Marks

Sr. No	Items	Marks
1	Investigations related to altered CHO metabolism	05
2	Investigations related to altered protein metabolism	05
3	Investigations related to altered lipid metabolism	05
4	Investigations related to altered vitamins and minerals	05
5	Investigations related to altered immunochemistry	05
Total		25

(25 Marks from Biochemistry Practicum to be converted into 05 Marks)

External Assessment: **75 Marks**

(University examination)

Section A: Nutrition: 45 marks

Section B: Biochemistry: 30 marks

Total: **75 Marks**



NURSING FOUNDATIONS

Placement: First year

Theory 265 hrs
Practical- 650hrs
(200 lab and 450 Clinical)

Course Description : This course is designed to help the students to develop an understanding of the philosophy, objectives, theories and process of nursing in various supervised clinical settings. It is aimed at helping the students to acquire the knowledge, understanding and skills in techniques of nursing and practice them in supervised clinical setting.

COURSE OBJECTIVEE : At the end of the course students will be able to develop:

- 1) Knowledge on concept of health, health-illness continuum and health care delivery system.
- 2) Knowledge on scope of nursing practice.
- 3) Knowledge on concept, theories and models of nursing practice.
- 4) Desirable attitude to ethics and professional conduct.
- 5) Skill in communicating effectively with patients and families and team members to maintain effective human relations.
- 6) Skill in health assessment and monitoring of patients.
- 7) Skill in carrying out basic nursing care procedures.
- 8) Skill in caring for patients with alterations in body functions.
- 9) Skill in applying steps of nursing process in the care of clients in the hospital and community.
- 10) Skill in applying scientific principles while performing nursing care.
- 11) Skill in documentation.
- 12) Skill in meeting basic psychosocial needs of the clients.
- 13) Knowledge on principles and techniques of infection control.
- 14) Confidence and competence in caring of terminally ill patients.

Theory Hours : 265

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
I	15	<ul style="list-style-type: none"> Describe the concept of health, illness and health care agencies 	<p>Introduction</p> <ul style="list-style-type: none"> Concept of Health : Health illness continuum Factors influencing health Causes and risk factors for Developing illness. Body defenses: Immunity and immunization Illness and illness Behavior Impact of illness on patient and family Health care services: Health Promotion and Prevention, Primary care , Diagnosis, Treatment, Rehabilitation and Continuing care Health care teams Types of health care agencies: Hospitals: Types, Organization and Functions Health Promotion and levels of disease Prevention Primary health care and its delivery: role of Nurse 	<ul style="list-style-type: none"> Lecture discussion Visit to health care agencies 	<ul style="list-style-type: none"> Essay type Short answers Objective type
II	20	<ul style="list-style-type: none"> Explain concept and scope of nursing Describe values, code of ethics and professional conduct for nurses in India 	<p>Nursing as a profession</p> <ul style="list-style-type: none"> Definition and Characteristics of a profession Nursing :- <ul style="list-style-type: none"> Definition , Concepts, philosophy , objectives Characteristics, nature and scope of nursing practice Functions of nurse Qualities of a nurse 	<ul style="list-style-type: none"> Lecture discussion Case discussion Role plays 	<ul style="list-style-type: none"> Essay type Short answers Objective type

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> ○ Categories of nursing personnel ○ Nursing as a profession ○ History of Nursing in India • Values : Definition, Types, Values Clarification and values in professional Nursing : Caring and Advocacy • Ethics : <ul style="list-style-type: none"> ○ Definition and Ethical Principal ○ Code of ethics and professional conduct for nurses ○ Consumer rights ○ Patients Bill of rights 		
III	4	<ul style="list-style-type: none"> • Explain the admission and discharge procedure • Performs admission and discharge procedure 	<p>Hospital admission and discharge</p> <ul style="list-style-type: none"> • Admission to the hospital <ul style="list-style-type: none"> ○ Unit and its preparation admission bed ○ Admission procedure ○ Special considerations ○ Medico-legal issues ○ Roles and Responsibilities of the nurse • Discharge from the hospital <ul style="list-style-type: none"> ○ Types: Planned discharge, LAMA and abscond, Referrals and transfers ○ Discharge Planning ○ Discharge procedure ○ Special considerations ○ Medico-legal issues ○ Roles and Responsibilities of the nurse ○ Care of the unit after 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Lab Practice • Supervise clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assess skills with check list • Clinical practical examination.

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
			discharge		
IV	12	<ul style="list-style-type: none"> Communicate effectively with patient, families and team members and maintain effective human relations (professional image) Appreciate the importance of patient teaching in nursing 	<p>Communication and Nurse patient relationship</p> <ul style="list-style-type: none"> Communication : Levels , Elements, Types, Modes, Process, Factors influencing Communication <ul style="list-style-type: none"> Methods of effective Communication <ul style="list-style-type: none"> Attending skills Rapport building skills Empathy skills Barriers to effective communication Helping Relationships (NPR): Dimensions of ? Helping Relationships, Phases of a helping relationship Communication effectively with patient, families and team members and maintain effective human relations with special reference to communication with vulnerable group (children ,women physically and mentally challenged and elderly) Patient Teaching : Importance, Purposes, Process, role of nurse and Integrating teaching in Nursing process 	<ul style="list-style-type: none"> Lecture discussion Role play and video film on the nurses interacting with the patient Practice session on patient teaching Supervised Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Objective type
V	20	<ul style="list-style-type: none"> Explain the concept, uses, format and steps of nursing process Documents nursing process as per the format 	<p>The Nursing Process</p> <ul style="list-style-type: none"> Critical Thinking and Nursing Judgment <ul style="list-style-type: none"> Critical Thinking: Thinking and Learning. Competencies , Attitudes for critical Thinking , Levels of critical thinking in Nursing 		

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> Nursing Process Overview: Application in Practice <ul style="list-style-type: none"> Nursing process format : INC current format Assessment <ul style="list-style-type: none"> Collection of Data: Types, Sources, Methods Formulating Nursing judgment : Data interpretation Nursing diagnosis <ul style="list-style-type: none"> Identification of client problems ‘ Nursing diagnosis statement Difference between medical and nursing diagnosis Planning <ul style="list-style-type: none"> Establishing Priorities <ul style="list-style-type: none"> Establishing Goals and Expected Outcomes, Selection of interventions: Protocols and standing Orders Writing the Nursing Care Plan Implementation <ul style="list-style-type: none"> Implementing the plan of care Evaluation <ul style="list-style-type: none"> Outcome of care Review and Modify Documentation and Reporting 		
VI	4	<ul style="list-style-type: none"> Describe the purposes, types and techniques of recording and reporting 	Documentation and Reporting <ul style="list-style-type: none"> Documentation : Purpose of Recording and reporting Communication within the Health Care Team, Types of records; ward records, medical/nursing 	<ul style="list-style-type: none"> Lecture discussion Demonstration Practice Session Supervised clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Objective type

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
			records, <ul style="list-style-type: none"> • Common Record-keeping forms, Computerized documentation • Guidelines for Reporting: Factual basis, Accuracy, completeness, Organization, confidentiality • Methods of recording • Reporting: Change –of shift reports, Incident reports • Minimizing legal Liability through effective record keeping 		
VII	15	<ul style="list-style-type: none"> • Describe principles and techniques of monitoring and maintaining vital signs • Monitor and maintain vital signs 	Vital signs <ul style="list-style-type: none"> • Guidelines for taking vital signs: • Body temperature: <ul style="list-style-type: none"> • Physiology, Regulation Factors affecting body temperature, • Assessment of body temperature: sites, equipments and techniques, special considerations • Temperature alterations: Hyperthermia, Heatstroke, Hypothermia • Hot and cold applications • Pulse: <ul style="list-style-type: none"> ○ Physiology and regulation, Characteristics of the pulse, Factors affecting pulse ○ Assessment of pulse : Sites, location, equipments and technique, special considerations 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice Session • Supervised clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assess with check list Clinical practical examination

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> ○ Alterations in pulse: ● Respiration: ○ Physiology and Regulation, Mechanics of breathing Characteristics of the respiration, factors affecting respiration ○ Assessment of respirations: technique, special considerations ○ Alterations in respiration ● Blood pressure: ○ Physiology and Regulation, Characteristics of the blood pressure, Factors affecting blood pressure. ○ Assessment of blood pressure: sites, equipments and technique, special considerations ○ Alterations in blood pressure ● Recording of vital signs 		
VIII	25	<ul style="list-style-type: none"> ● Describe purpose and process of health assessment ● Describe the health assessment of each body system ● Perform health assessment of each body system 	Health assessment <ul style="list-style-type: none"> ● Purposes ● Process of Health assessment <ul style="list-style-type: none"> ○ Health history ○ Physical examination: <ul style="list-style-type: none"> - Methods-Inspection, palpation ,Percussion, Auscultation Olfaction - Preparation for examination : Patient and unit - General assessment - Assessment of each body system - Recording of health assessment 	<ul style="list-style-type: none"> ●Lecture discussion ●Demonstration ●Practice Session ●Supervised Clinical practice 	<ul style="list-style-type: none"> ● Essay type ●Short answers ●Objective type
IX	5	<ul style="list-style-type: none"> ● Identifies the various machinery 	Machinery ,Equipment and linen <ul style="list-style-type: none"> ● Types: Disposables and 	<ul style="list-style-type: none"> ●Lecture discussion ●Demonstration 	<ul style="list-style-type: none"> ●Essay type ●Short

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
		equipment and linen and their care	Re-usables-Linen, rubber goods, glass ware, metal , plastics, furniture, machinery <ul style="list-style-type: none"> • Introduction: <ul style="list-style-type: none"> ○ Indent ○ Maintenance ○ Inventory 		answers <ul style="list-style-type: none"> •Objective type
X	55	<ul style="list-style-type: none"> •Describe the basic, physiological and psychosocial needs of patient •Describe the principles and techniques for meeting basic, Psychosocial and Psychosocial needs of patient •Perform nursing assessment, plan, implement and evaluate the care for meeting basic, physiological and psychosocial needs of patient 	Meeting needs of patient <ul style="list-style-type: none"> • Basic needs (Activities of daily living) <ul style="list-style-type: none"> - Maslow's hierarchy of Needs ○ Providing safe and clean Environment: <ul style="list-style-type: none"> - Physical-environment: Temperature, Humidity, Noise, Ventilation, light, Odor, pests control - Reduction of Physical hazards: fire, accidents - Safety devices: Restraints, side rails, airways, trapez etc. - Role of nurse in providing safe and clean environment ○ Hygiene: <ul style="list-style-type: none"> - Factors Influencing Hygienic Practice - Hygienic care : Care of the Skin-Bath and pressure points, feet and nail, Oral cavity, Hair care , Eyes, Ears and Nose <ul style="list-style-type: none"> ▪ Assessment , Principles Types, Equipments, Procedure, Special Considerations - Patient environment: Room Equipment and lines, making patient beds 	<ul style="list-style-type: none"> •Lecture discussion •Demonstration •Practice sessions •Supervise •Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assess with check list and clinical practical examination

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> ▪ Types of beds and bed making ○ Comfort: <ul style="list-style-type: none"> - Factors Influencing Comfort - Comfort devices •Physiological needs: <ul style="list-style-type: none"> ○ Sleep and Rest: <ul style="list-style-type: none"> - Physiology of sleep - Factors affecting sleep - Promoting Rest and sleep - Sleep Disorders ○ Nutrition: <ul style="list-style-type: none"> - Importance - Factors affecting nutritional needs - Assessment of nutritional needs: Variables - Meeting Nutritional needs: Principals, equipment procedure and special considerations ▪ Oral ▪ Enteral: Naso/Oro-gastric, gastrostomy ○ Urinary Elimination <ul style="list-style-type: none"> - Review of Physiology of Urine Elimination , Composition and characteristics of urine - Factors Influencing Urination - Alteration in Urinary Elimination - Types and Collection of urine specimen: Observation, urine testing - Facilitation urine elimination: assessment, types, equipments, 		

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
			<p>procedures and special considerations</p> <ul style="list-style-type: none"> ▪ Providing urinal/bed pan ▪ Condom drainage ▪ Perineal care <p>Bowel Elimination</p> <ul style="list-style-type: none"> - Review of Physiology of Bowel elimination , composition and characteristics of feces - Factors affecting Bowel elimination - Alteration in Bowel elimination - Type and Collection of specimen of feces: <p>Observation</p> <ul style="list-style-type: none"> - Facilitation bowel elimination: assessment, equipments procedures and special considerations <ul style="list-style-type: none"> ▪ Passing of Flatus tube ▪ Enemas ▪ Suppository ▪ Sitz bath ▪ Bowel wash <p>Mobility and Immobility</p> <ul style="list-style-type: none"> - Principles of Body Mechanics - Maintenance of normal body Alignment and mobility - Factors affecting body Alignment and mobility - Hazards associated with immobility - Alteration in body Alignment and Mobility - Nursing 		

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
			<p>interventions for impaired Body Alignment and Mobility: Assessment, types, devices used method and special considerations. Rehabilitation aspects</p> <ul style="list-style-type: none"> ▪ Range of motion exercises ▪ Maintaining body alignment : Positions ▪ Moving ▪ Lifting ▪ Transferring ▪ Walking ▪ Restraints <p>○ Oxygenation</p> <ul style="list-style-type: none"> - Review of Cardiovascular and respiratory Physiology - Factors Affecting Oxygenation - Alteration in oxygenation - Nursing Intervention in oxygenation: assessment, types, equipment used, procedure and special considerations ▪ Maintenance of patent airway ▪ Oxygen administration ▪ Inhalations : Dry and moist ▪ Chest Physiotherapy and postural drainage ▪ Pulse oximetry ▪ CPR-Basic life support <p>○ Fluid, Electrolyte, and Acid Base Balances</p> <ul style="list-style-type: none"> - Review of Physiological Regulation of Fluid, electrolyte, and Acid 		

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> Base Balance - Factors Affecting Fluid Electrolyte, and Acid Base Balance - Nursing intervention in Fluid, Electrolyte and Acid - Base Imbalances : assessment, procedure and special considerations <ul style="list-style-type: none"> ▪ Measuring fluid intake and output ▪ Correcting Fluid Electrolyte imbalance : • Psychosocial Needs <ul style="list-style-type: none"> ○ Concepts of Cultural Diversity, Stress and adaptation, Self- Health, Coping with loss, death & grieving ○ Assessment of psychosocial needs ○ Nursing intervention for Psychosocial needs <ul style="list-style-type: none"> - Assist with coping and adaptation - creating therapeutic environment ○ Recreational and diversional therapies 		
XI	20	Describe principles and techniques for infection control and biomedical waste management in supervised Clinical setting	<p>Infection control in Clinical setting</p> <ul style="list-style-type: none"> • Infection control <ul style="list-style-type: none"> ○ Nature of infection ○ Chain of infection transmission ○ Defenses against infection : natural and acquired ○ Hospital acquired infection (Nosocomial infection) • Concept of asepsis: medical asepsis and surgical asepsis • Isolation precautions (Barrier nursing) <ul style="list-style-type: none"> ○ Hand washing: simple, 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Supervised Clinical practice 	

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
			<p>hand antisepsis and surgical antisepsis (scrub)</p> <ul style="list-style-type: none"> ○ Isolation: source and protective ○ Personal protecting equipments: types, uses and technique of wearing and removing ○ Decontamination of equipment and unit ○ Transportation of infected patients ○ Standard safety precautions(Universal precautions) ○ Transmission based precautions 		
XII	25	<ul style="list-style-type: none"> • Explain the principles, routes, effects of administration of medications • Calculate conversions of drugs and dosages within and between systems of measurements • Administer drugs by the following routes-oral, inhalation 	<p>Administration of Medications</p> <ul style="list-style-type: none"> • General Principles/Consideration <ul style="list-style-type: none"> ○ Purposes of Medication ○ Principles: 5 rights, Special considerations, Prescription Safety in administering Medications and Medication errors ○ Drug forms ○ Routes of administration ○ Storage and maintenance of drugs and Nurses responsibility ○ Broad classification of drugs ○ Therapeutic Effect, Side Effects, Toxic effects Idiosyncratic Reactions, Drug Tolerance, Drug Interactions, ○ Factors Influencing drug Actions, ○ Systems of Drug Measurement: Metric system, Apothecary system, Household Measurements, Solutions. ○ Converting 	<ul style="list-style-type: none"> • Lecture • discussion • Demonstration • Practice session • Supervised • Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assess with check list and clinical practical examination

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
			<p>Measurements Units: conversion within one system, conversion between systems, Dosage Calculation.</p> <ul style="list-style-type: none"> ○ Terminologies and abbreviations used in prescriptions of medication • Oral Drugs Administration: Oral , sublingual and Buccal : Equipment, procedure • Topical Administration : Purposes, site equipment procedure special considerations for ○ Application to Skin ○ Application to mucous membrane • Direct application of liquids – Gargle and swabbing the throat • Insertion of Drug into body cavity: Suppository / medicated packing in rectum / vagina • Inhalation : Nasal, oral, endo tracheal / tracheal (steam oxygen and medications) purposes, types, equipment procedure, special considerations ○ Recording and reporting of medications administered 		
XIII	10	<ul style="list-style-type: none"> • Prepare post operative unit • Apply Bandages Slings. • Apply heat and cold 	<ul style="list-style-type: none"> ○ Recovery Unit ○ Post operative unit ○ Postoperative care surgical asepsis ○ Application of Bandages, Binders, Splints, Slings ○ Heat and cold Therapy 	<ul style="list-style-type: none"> • Lecture • Discussion Demonstration 	
XIV	15	<ul style="list-style-type: none"> • Explain care of patients 	Meeting special needs of the patient	<ul style="list-style-type: none"> • Lecture • Discussion 	

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
		having alterations in body functioning	<ul style="list-style-type: none"> • Care of patients having alteration in <ul style="list-style-type: none"> ○ Temperature (hyper and hypothermia) : Types, Assessment, Management ○ Sensorium (Unconsciousness) : assessment, Management ○ Urinary Elimination (retention and unconsciousness)Assessment , Management ○ Functioning of sensory organs: (visual & hearing impairment) ○ assessment of self- Care ability ○ communication Methods and special considerations ○ Mobility (physical challenged, cast) assessment of self-care ability: Communication Methods and special considerations ○ Mental state (mentally challenged) , assessment of Self-Care ability; ○ Communication Methods and special considerations ○ Respiration (distress);Types, Assessment, Management ○ Comfort-(pain)-Nature, Types, Factors influencing pain, coping ,Assessment; Management 	Demonstration	
XV	10	<ul style="list-style-type: none"> • Explain care of terminally ill patient 	Care of Terminally ill patient <ul style="list-style-type: none"> ○ Concepts of Loss, Grief grieving process ○ Signs of clinical death ○ Care of dying patient; 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstrations • Case discussion/Role 	<ul style="list-style-type: none"> • Essay type • Short Answers

Unit	Hrs	Learning Objective	Content	Teaching Learning Activities	Assessment Methods
			<p>special considerations</p> <ul style="list-style-type: none"> -Advance directives: euthanasia will dying declaration ,organ donation etc ○ Medico-legal issues ○ Care of dead body: ○ Equipment, procedure and care of unit ○ Autopsy ○ Embalming 	<p>play</p> <ul style="list-style-type: none"> ● Practice session ● Supervised ● Clinical practice 	<ul style="list-style-type: none"> ● Objective type
XVI	10	<ul style="list-style-type: none"> ● Explain the basic concepts of conceptual and theoretical models of nursing 	<p>Professional Nursing concepts and practices</p> <ul style="list-style-type: none"> ● Conceptual and theoretical models of nursing practice: Introduction to models- holistic model, health belief model , health promotion model etc ● Introduction to Theories in Nursing ; Peplau's , Henderson's Orem's , Neumann's Roger's and Roy's ● Linking theories with nursing process ● Complimentary and alternate healing techniques. 	<ul style="list-style-type: none"> ● Lecture Discussion 	<ul style="list-style-type: none"> ● Essay type ● Short Answers

NURSING FOUNDATIONS- PRACTICAL

Placement: First Year

Practical 650hours
(200 lab and 450 clinical)

Course Description: This course is designed to help the students to develop an understanding of the philosophy, objectives, theories and process of nursing in various clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in clinical settings.

Areas	(Hrs)	Objective	Skills	Assignments	Assessment Methods
Demonstration Lab General Medical and surgery ward	10	<ul style="list-style-type: none"> Performs admission and discharge procedure 	Hospital admission and discharge (III) <ul style="list-style-type: none"> Admission Prepare Unit for new patient Performs admission procedure New patient Transfer in Prepare patient records Discharge/ Transfer out <ul style="list-style-type: none"> Gives discharge counseling Perform discharge procedure (Planned discharge, LAMA and abscond, Referrals and transfers)	<ul style="list-style-type: none"> Practice in Unit/ hospital 	<ul style="list-style-type: none"> Evaluate with check list Assessment of clinical performance with rating scale Completion of Practical record
	17		<ul style="list-style-type: none"> Prepare records of discharge/ transfer Dismantle, and disinfect unit and equipment after discharge / transfer Perform assessment: <ul style="list-style-type: none"> History taking, Nursing diagnosis, problem list, 	<ul style="list-style-type: none"> Write nursing Process records of patient Simulated -1 Actual-1 	<ul style="list-style-type: none"> Assessment of nursing process records with checklist Assessment of actual care given with rating

Areas	(Hrs)	Objective	Skills	Assignments	Assessment Methods
			Prioritization, goals & Expected Outcomes, selection of interventions <ul style="list-style-type: none"> • Write Nursing care plan • Gives care as per the plan 		scale
	10	<ul style="list-style-type: none"> • Communicate effectively with patient, families and team members and • Maintain effective human relations 	Communication <ul style="list-style-type: none"> • Use verbal and non verbal communication techniques 	<ul style="list-style-type: none"> • Role – plays in simulated situations on communication 	<ul style="list-style-type: none"> • Asses role plays with the checklist on communication techniques
	20	<ul style="list-style-type: none"> • Prepare patient reports • Presents Reports 	Prepare a plan for patient teaching session Write patient report <ul style="list-style-type: none"> • Change pf shift reports Transfer reports, Incident reports etc. • Presents patient Report 	<ul style="list-style-type: none"> • Write nurses notes and present the patient report of 2-3 assigned patient. 	<ul style="list-style-type: none"> • Assessment of communication techniques by rating scale • Assessment of performance with rating scale
	15	<ul style="list-style-type: none"> • Monitor vital signs 	Vital signs <ul style="list-style-type: none"> • Measure, Records and interpret alterations in body temperature , pulse respiration and blood pressure 	<ul style="list-style-type: none"> • Lab practice • Measure vital signs of assigned patient 	<ul style="list-style-type: none"> • Assessment of each skill with checklist • Completion of activity record
		<ul style="list-style-type: none"> • Perform health assessment of each body system 	Health assessment <ul style="list-style-type: none"> • Health history taking • Perform assessment: • General • Body systems • Use various methods of 		

Areas	(Hrs)	Objective	Skills	Assignments	Assessment Methods
			physical examination <ul style="list-style-type: none"> • Inspection, Palpation, Percussion, Auscultation, Olfaction • Identification of system wise deviations 		

Areas	(Hrs)	Objective	Skills	Assignments	Assessment Methods
	10	<ul style="list-style-type: none"> • Provide basic nursing care to patients 	Prepare Patient's unit: <ul style="list-style-type: none"> • Prepare beds: <ul style="list-style-type: none"> ○ Open , closed , Occupied, operation , amputation, ○ Cardiac, fracture, burn, Divided, & Fowlers bed • Pain assessment and provision for comfort 	<ul style="list-style-type: none"> • Practice in lab & hospital • Simulated exercise on CPR manikin 	<ul style="list-style-type: none"> • Assessment of each skill with rating scale • Completion of activity record
	14		Use comfort devices Hygienic care: <ul style="list-style-type: none"> • Oral hygiene: • Baths and care of pressure points • Hair wash, Pediculosis Treatment 		
	7		Feeding : <ul style="list-style-type: none"> • Oral, Enteral, Naso Orogastric. • Naso-gastric insertion, suction, and irrigation 		
	5		Assisting patient in urinary elimination <ul style="list-style-type: none"> • Provides urinal/ bed pan • Condom drainage • Perineal care • Catheterization • Care of urinary drainage 		
	6		Assisting bowel Elimination: <ul style="list-style-type: none"> • Insertion of flatus tube • Enemas 		

Areas	(Hrs)	Objective	Skills	Assignments	Assessment Methods
	8		<ul style="list-style-type: none"> • Insertion of Suppository • Bowel wash Body Alignment and Mobility: <ul style="list-style-type: none"> ○ Range of motion exercises ○ Positioning: Recumbent, Lateral (rt/lt) , Fowlers, Sims, Lithotomy, Prone, Trendelenburg , position 		
	8		<ul style="list-style-type: none"> ○ Assist patient in Moving, lifting transferring, walking ○ Restraints Oxygen administration Chest physiotherapy and postural drainage		
	5		CPR- Basic life support		
	5		Collect/ assist for collection of specimens for investigations Urine, sputum, faces, vomitus blood and other body fluids Perform lab tests: <ul style="list-style-type: none"> • Urine: Sugar, albumin, acetone • Blood: sugar (with strip/ gluco meter) 		
Field visit	8		Hot and clod applications: local and general sitz bath Communicating and assisting with self care of visually & hearing impaired patients Communicating and assisting with self care of mentally challenged / disturbed patients		
Field visit	1		Recreational and diversional therapies		
	3		Caring of patient with alteration in sensorium		

Areas	(Hrs)	Objective	Skills	Assignments	Assessment Methods
	10 5 10	• Perform infection control procedures	Infection control <ul style="list-style-type: none"> • Perform following procedures: <ul style="list-style-type: none"> ○ Hand washing techniques ○ (Simple, hand antisepsis and surgical antisepsis (scrub)) ○ Prepare isolation unit in lab/ ward ○ Practice technique of wearing and removing personal protective equipment (PPE) ○ Practice standard safety precautions (Universal precautions) Decontamination of equipment and unit: <ul style="list-style-type: none"> • Surgical asepsis; <ul style="list-style-type: none"> ○ Sterilization ○ Handling sterilized equipment ○ Calculate strengths of lotions, ○ Prepare lotions • Care of articles • Application of Bandages, Binders, splints & slings. • Bandaging of various body parts 	<ul style="list-style-type: none"> • Observation study-2 • Department of infection control & CSSD • Visits CSSD write observation report 1 • Collection of samples for culture • Do clinical posting in infection control department and write report Practice in lab/ward 	<ul style="list-style-type: none"> • Assess observation study with checklist • Evalutall procedures with checklist
	18	• Administer drugs	<ul style="list-style-type: none"> • Administration of medications • Administer Medications in different forms and routes • Oral, Sublingual and Buccal • Drug measurements and dose calculations • Preparation of lotions and solutions • Administers topical Applications • Insertion of drug into body cavity: Suppository & 		

Areas	(Hrs)	Objective	Skills	Assignments	Assessment Methods
			medicated packing etc. • Inhalations: dry and moist		
	3	• Provide care to dying and dead • Counsel and support relatives	Care of dying patient • Caring and packing of dead body • Counseling and supporting grieving relatives Terminal care of the unit		

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7. Rosdhal, Fundamentals of nursing, Lippincott company 2003.
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Evaluation Scheme :

Subject Nursing Foundation	Assessment			
	Hours	Internal	External	Total
Theory	3	25	75	100
Practical & Viva Voce		100	100	200

Details as follows:

Internal Assessment (Theory): 25 Marks
Internal Assessment (Practicum): 100 Marks
 (Out of 125 Marks to be send to the University)

Details as follows:

Internal Assessment (Theory): 25 Marks
 Mid-Term: 50 Marks
 Prelim: 75 Marks
Total: 125 Marks

(125 Marks from mid-term & prelim (Theory) to be converted into 25 Marks)

Internal Assessment (Practicum): 100 Marks

Nursing Foundation Practical & Clinical Assignment	Clinical evaluation – 1 (Medical)	100 Marks
	Clinical evaluation – 1 (Surgical)	100 Marks
	Nursing care plan – 2	50 X 2 = 100 Marks
	Procedure evaluation	50 Marks

Internal Practical	Midterm	50 Marks
Examination & Viva voce	Pre - Final Examination	75 Marks
	Total Marks	475 Marks

(475 Marks from practicum to be converted into 100 Marks)

External Assessment: 175 Marks
(University Examination)
Theory: 075 Marks
Practical & Viva Voce: 100 Marks
Total: 175 Marks

EVALUATION CRITERIA:

PRACTICAL EXAMINATION UNIVERSITY

Total marks 100

INTERNAL EXAMINER : 50

- Procedure evaluation : 30
- Viva voce : 20

EXTERNAL EXAMINER : 50

- Nursing Process : 30
- Viva voce : 20

GUIDELINES FOR CLINICAL / PRACTICAL EXPERIENCE

(FOUNDATIONS OF NURSING)

1] CONTENTS OF NURSING PROCEDUER BOOK

I st year	Date		Signature
	Class room	Ward	
FUNAMENTALS OF NURSING			
A. Comfort Measures :			
1. Bed making			
a. Open bed			
b. Occupied bed			
c. Post-operative bed			
2. Nursing Positions:			
a. Lateral			
b. fowler's			
c. Sims, Recumbent			
3. Changing the position of a helpless patient			
4. Use of comfort devices			
a. Use of cardiac table			
b. Use of bed cradle			
B. Hygienic Needs:			
1. Hand Washing			
2. Bed bath			
3. Care of nails and feet			
4. Care of Pressure points			
5. Oral Hygiene			
a. Helpless patient			
b. Unconscious patient			
6. Care of hair			
a. Pediculosis treatment			
b. Bed shampoo			
C. Nutritional Needs:			
1. Preparation and serving of Diet			
a. Fluid			
b. Soft solid			
2. Maintenance of intake and output record			
3. Feeding a helpless patient			
4. Feeding by different methods			
a. Nasogastric feeding			
D. Elimination Needs:			
1. Cleansing Enema			
2. Bowel wash			
3. Suppositories			
4. Use of flatus tube			
5. Bowel Irrigations			

I st year	Date		Signature
	Class room	Ward	
E. Specific Observational Skills:			
1. Measuring & Recording of Vital Signs			
a. Temperature : I. Oral			
II. Rectal			
III. Axillary			
b. Pulse			
c. Respiration			
d. Blood Pressure			
2. Physical examination			
Setting up & assisting for			
a. General examination			
b. Rectal examination			
F. Diagnostic Procedures:			
1. Collection of specimens			
a. Farces			
b. Sputum			
c. Urine I. Routine			
II. 24 Hours			
III. Culture			
2. Urine Testing			
a. Albumin			
b. Specific gravity			
c. Reaction			
d. Sugar			
e. Ketone			
A. Hot & Cold application & Therapeutic Measures			
1. Hot water bag			
2. Ice cap			
3. Cold sponge			
4. Cold compress			
5. Simple fomentation			
H. Medication and Therapeutic Measures:			
1. Oral medication			
2. Steam Inhalation			
3. Oxygen inhalation			

I year	Date		Signature
	Class room	Ward	
I. General procedures:			
1. Admission of a patient			
2. Discharge of a patient			
3. Transfer of a patient			
4. Lifting and transporting patients			
a. By stretcher			
b. By Wheelchair			
5. Active & Passive exercise			
6. Deep Breathing exercise			
J. Nursing Process:			
1. Simple history taking			
2. General physical examination			
3. Planning of care			
4. Writing Nursing care plans			
K. Bandages:			
1. Circular turn			
2. Spiral turn			
3. Spiral reverse			
4. Figure of eight			
5. Spica			
a. Shoulder, Hip, Ankle, Thumb, Finger, Caplin , Stump			
b. Bandaging of eye, Ear ,Jaw, Arm sling, Cuff and collar			
c. Triangular Bandage			
L. Binders			
1. Abdominal Binder			
2. Breast Binder			
M. Death care			
Signature of Supervisor _____		Date _____	
Signature of Principal _____		Date _____	

2] FORMAT FOR HISTORY TAKING (CLINICAL EXPERIENCE)

I DEMOGRAPHIC DATA

NAME :-

AGE :-

SEX

MARITAL STATUS :

RELIGION

EDUCATION :

OCCUPATION

INCOME :

ADDRESS :

II CHIEF COMPLAINTS / PRESENT MEDICAL HISTORY

III PAST MEDICAL HISTORY :-

IV PAST SURGICAL HISTORY :-

V MENSTRUAL HISTORY (FEMALES) :-

VI FAMILY HISTORY :-

SN	Name of family Members	Age	Sex	Relation with patient	Occupation	Health status	Health habits

VII DIETARY HISTORY :-

VIII HEALTH HABITS :-

X SOCIO ECONOMIC HISTORY :-

XI PHYSICAL ASSESSMENT :-

Head to foot assessment
- Interpretation of data.
- Nursing diagnosis.
- Proposed nursing care plan.

3] ADULT ASSESSMENT FORMAT

General information:

Name _____

Age _____ Sex _____

occupation _____ IP No. _____

Admission date _____ Time _____

Diagnosis _____

History of other illness/operation/ Allergy _____

General appearance: Body built (thin / Well / obese)

Posture : _____ grooming : _____

Habits : smoking/ alcohol/drug abuse/other

Behavior : Normal / Relaxed / Anxious/Distressed/Depressed/Withdrawn.

Level of Consciousness : Conscious/Confused/Semiconscious/Unconscious

Assessment of Daily Activities.

ADL	Subjective data(report)	Objective data(exhibits)	Nursing diagnosis
A C T I V I T Y	Usual Activities Gait Limitations Sleep Body movement Deformities	Uses aids Coordinated / uncoordinated Immobile / Partial ambulatory Ambulatory Insomnia / Sleep apnea / other Purposeful movement / tremor Handicap Grasp / muscle strength and grade Deep tendon reflex Cutaneous reflex	
C O M M U N I C A T I O N	Eyes- vision loss Wears glasses / Aid Conjunctiva Corneal reflex Ears - Hearing loss Speech – Problems Skin Nose Pain	Color, vision acuity Visual fields / normal / limited Pale / yellow / Red / other Pupil reaction : present /absent Infection : present /absent Hearing Acuity Communication Verbal / nonverbal relevant / irrelevant Temperature, color / texture / turgor / Any other Response to touch (painful stimuli, hot / cold) Sense of smell Facial grimacing / guarding	

ADL	Subjective data(report)	Objective data(exhibits)	Nursing diagnosis
N U T R I T I O N	Usual diet Eating (Likes & dislikes) Drinking Anorexia Nausea/vomiting Swallowing	Weight height / BMI Recent changes Vomitus I.V. infusion NGT Gag reflex : present / absent	
E L I M I N A T I O N	Usual bowel pattern Bleeding/constipation Diarrhea Uses laxatives Urine Frequency Difficulty Menstruation(Female)	Bowel sounds/abdominal girth Feces Urine-amount/ color Drainage On CBD/condom I&O chart Bleeding Dysmenorrhoea LMP	
R E S P I R A T I O N	Cough Sputum Smoking	Dry / productive Respiratory rate Dyspnoea Cyanosis Sputum (color, consistency, amount) On Auscultation Breath sounds (Rales / Rhonchi / wheezes / pleural friction rub) Chest expansion (Equal / unequal) Oxygen saturation (optional) ABG (optional) use of Anesthetics	
C I R C U L A T I O N	Chest pain, numbness Tingling Extremities	Heart rate Edema Bleeding Wound BP..... HB..... Peripheral pulse... Color-temperature Nail beds Capillary refill Lesion Lymph nodes	

ADL	Subjective data(report)	Objective data(exhibits)	Nursing diagnosis
H Y G I E N E	Skin- wound Mouth/teeth Dirty/odor/Teeth Hair, scalp	Clean / unclean / body odour Drainage / odour Dentures / Swallowing Halitosis / dental caries / any other Lice / dandruff / lesions / other	
EGO integrity	Clam. Anxious Sighs deeply	Calm / tensed / Anxious / relaxed Excited / dull / restless Fearful / nervous	

Remarks : Interpretation of above data

- Proposed nursing care plan.
- Discharge plan :

Signature of Nurse.

Date :

3] FORMATE FOR NURSING CARE PLAN

Name of the Patient _____

Age _____

Reg. No. _____

Sex _____

Bed No. _____

Dr's Unit _____

Ward no _____

Date & Time
Of Admission
Diagnosis :

Surgery & Date of surgery

Marks : 50

Assessment (12)		Nursing Diagnosis (3)	Goal (2)	Outcome Criteria (2)	Nursing Intervention (15)	Rationale (3)	Evaluation (3)
Subjective	Objective						

Nurses notes / Progress report of the patient – (10)

Signature of Nurse.

Date :

GUIDELINE FOR CLINICAL ASSESSMENT OF STUDENT

(FOUNDATIONS OF NURSING)

CLINICAL ASSESSMENT FORM

Students Name :-

Hospital :-

Group / Year :-

Unit / Ward :-

Students Number :-

From to

Max 100 marks

SN	PERFORMANCE CRITERIA	(5) Excellent	(4) very Good	(3) Good	(2) Satisfactory	(1) Poor	Remarks
	Nursing Process (75)						
I	Assessment and Nursing Diagnosis (15)						
1.1	Collects data accurately						
1.2	Identifies & Categorizes basic Needs of Patients						
1.3	Formulates Nursing Diagnosis						
II	Planning (15)						
2.1	Prioritizes patients needs						
2.2	Plans nursing action for each of need						
2.3	States rationale for nursing action						
III	Implementation (20)						
3.1	Implements nursing care Accurately and safely with in given time						
3.2	Applies scientific Principles						
3.3	Maintains safe and comfortable environment						
3.4	Gives health teaching as per plan to the patients / family						
IV	Evaluation (10)						
4.1	Evaluate patient's response to nursing care						
4.2	Reexamines & Modifies care plan						
V	Documentation (15)						
5.1	Records patient information accurately						
5.2	Report patient information accurately						
5.3	Maintains self up to date						

SN	PERFORMANCE CRITERIA	(5) Excellent	(4) very Good	(3) Good	(2) Satisfactory	(1) Poor	Remarks
	Professional Conduct – (25)						
VI	Uniform and Punctuality						
6.1	Always well groomed, neat & conscious about professional appearance						
6.2	Is always punctual in Clinical & completing assignments						
6.3	Readily accepts responsibility for own behavior & has initiative						
VII	Communication skills						
7.1	Establishes & Maintains effective working / communication relationship with patients and family						
7.2	Establishes good inter personal relationship with members of health team / supervisors / Teachers						
	Total Marks						

Comment / Remarks by Teacher / Supervisor:

<hr/>	<hr/>
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Total marks 100

Total marks obtained

Signature of Teacher

Date :

Evaluation is seen and discuss by the student

Signature of student

Date of Sign

FOUNDATIONS OF NURSING

GUIDELINES FOR UNIVERSITY PRACTICAL AND ORAL EXAMINATION

INTERNAL EXAMINER

Maximum 50 marks

SN	NURSING PROCEDURE	Total marks	Marks allotted	Remarks
I	<i>Planning and Organizing</i>	10		
	1-Preparation – day	06		
	2-Environment	02		
	3-Preparation of patient	02		
II	<i>Execution of Procedure</i>	14		
	1-Applies scientific principles	06		
	2-Proficiency in skill	06		
	3-Ensures sequential order	02		
III	<i>Termination of procedure</i>	06		
	1-Makes patient comfortable	02		
	2-Reports & Records	02		
	3-After care of articles	02		
	TOTAL	30		
	VIVA			
	1-Knowledge related to Principles	06		
	2-Equipment & Articles	06		
	3-Medical & Surgical asepsis	04		
	4-Bandaging	04		
	TOTAL	20		

Date :-

Signature of the Internal Examiner

(Refer to examination section)

FOUNDATIONS OF NURSING
GUIDELINES FOR UNIVERSITY PRACTICAL AND ORAL EXAMINATION

EXTERNAL EXAMINER

Maximum 50 marks

	NURSING PROCESS	Total marks	Marks allotted	Remarks
1	Assessment	06		
2	Nursing Diagnosis	04		
3	Goal	02		
4	Outcome criteria	02		
5	Nursing intervention	06		
6	Rationale	04		
7	Evaluation	02		
8	Nurses notes	04		
	TOTAL	30		
	VIVA			
1	Knowledge of Drugs and Solutions	04		
2	Assessment data	06		
3	Dietary management	04		
4	Health education	06		
	TOTAL	20		

Date :-

Signature of the External Examiner

Refer – examination section

MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES

FOUNDATIONS OF NURSING
PRACTICAL / ORAL MARK LIST

NAME OF THE EXAMINATION :

MONTH :-

YEAR :-

FIRST YEAR B.SC. NURSING:-

MARKS :-

SUBJECT :- NURSING FOUNDATION

PAPER :-

CENTRE :-

Seat No.	Internal examiner		External examiner		Grand Total
	Procedure	Viva voce	Nursing process	Viva voce	
	30	20	30	20	100

Signature of the Internal Examiner

Signature of the External Examiner



PSYCHOLOGY

Placement : First Year

**Theory 60 hours
(Class 50 + Lab 10 hrs)**

Course Description: This course is designed to assist the students to acquire knowledge of fundamentals of psychology and develop an insight into behaviour of self and others. Further it is aimed at helping them to practice the principles of mental hygiene for promoting mental health in nursing practice.

Specific Objectives: At the end of the course the students will be able to:

1. Understand the importance of psychology in personal and professional life.
2. Understands the biology of human behaviour.
3. Understands cognitive and affective processes of human mind.
4. Develops an understanding of self and others.
5. Understand the influence of personality of human behaviour.
6. Appreciates developmental psychology.
7. Understands the significance of mental hygiene and mental health.
8. Assist with psychological assessments and tests.

Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning Activity	Assessment Methods
I	4	<ul style="list-style-type: none">• Describe the history, scope and methods of psychology	Introduction: <ul style="list-style-type: none">• History, development and origin of science of psychology• Definitions, scope, branches of psychology and relations with other subjects.• Various application of psychology in nursing practice including importance in human and interpersonal behavioral Methods of Psychology	<ul style="list-style-type: none">• Lecture Discussion	<ul style="list-style-type: none">• Essay type• Short answers

Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning Activity	Assessment Methods
II	4	<ul style="list-style-type: none"> Explain the biology of Human behaviour 	Biology of behaviour Dynamics of human behaviour <ul style="list-style-type: none"> Body mind relationship- modulation process in health and illness Genetics and behaviour: Heredity and environment Brain and behaviour: Nervous System., Neurons and synapse, Association Cortex, Rt and Lt Hemispheres Psychology of Sensations Muscular and glandular controls of behaviour Nature of behaviour of an organism/Integrated responses Nature of behaviour of an organism/Integrated responses 	<ul style="list-style-type: none"> Lecture Discussion 	<ul style="list-style-type: none"> Essay type Short answers
III	14	<ul style="list-style-type: none"> Describe various cognitive processes and their applications 	Cognitive process <ul style="list-style-type: none"> Maiming of cognition Attention: Types, determinants, Duration & degree, alterations Perception: Meaning, Principles, factors affecting, Perception of objects, depth, distance and motion. Errors in perception. Learning: Nature, types, learner and learning, factors influencing, laws and theories, process, transfer, study habits Memory: Meaning, Types, Nature factors influencing, Development Theories and methods of memorizing and Forgetting Thinking: Types and levels, stages of development, Relationship with language and communication. Intelligence: Meaning, classification, uses, theories 	<ul style="list-style-type: none"> Lecture Discussion Psychometric assessment Practice sessions 	<ul style="list-style-type: none"> Essay type Short answers

Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning Activity	Assessment Methods
			<ul style="list-style-type: none"> • Aptitude: Concept, types, Individual differences and variability • Psychometric assessments of cognitive processes • Alterations in cognitive process • Applications <p>Learning</p> <ul style="list-style-type: none"> • Theories of learning: • Theories of transfer. <p>Memory</p> <ul style="list-style-type: none"> • Methods of memorizing: • Methods of measuring memory • Memory Training <p>Thinking</p> <ul style="list-style-type: none"> • Stages of thinking development: • Stages of creative thinking and problem solving. • Nature of thinking • Elements of thought • Language comprehension • Listening skill • Reasoning and problem solving • Deduction • Induction <p>Intelligence</p> <ul style="list-style-type: none"> • Nature of intelligence • Effect of heredity and environment • Intelligence Test • Mental deficiency • Factors of individual difference in intelligence. • Development of intelligent behaviour <p>Aptitude</p> <ul style="list-style-type: none"> • Measurement of Aptitude or Aptitude Tests 		

Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning Activity	Assessment Methods
IV	6	Describe motivation, emotions, stress, attitudes and their influence on behaviour	Motivation and Emotional Processes: <ul style="list-style-type: none"> • Motivation: Meaning, Concepts, Types, Theories, • Motives and behaviour, • Maslow's theory • Formation of self concept, • Conflicts and frustration, conflict resolution • Emotions & stress □ Emotion: Definition, components, Changes in emotions, theories, emotional adjustments, emotions in health and illness □ Stress: stressors, cycle, effect, adaptation & coping • Attitude: Meaning, nature, development, factors affecting, □ Behaviour and attitudes □ Attitudinal change □ Will and character □ Attitude and Nurse. • Psychometric assessment of emotions and attitudes • Alterations in emotions • Applications Emotions <ul style="list-style-type: none"> • Development of emotions • Characteristic of emotions • Handling emotions in self and others 	<ul style="list-style-type: none"> • Lecture • Discussion • Role plays • Case Discussion • Demonstration • Project work 	<ul style="list-style-type: none"> • Essay type • Short answer

Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning Activity	Assessment Methods
V	5	<ul style="list-style-type: none"> • Explain the concept of personality and its influence on behaviour 	Personality <ul style="list-style-type: none"> • Definitions, topography, types, Theories • Self actualization • Psychometric assessments of personality • Development & Alterations in personality ❑ Adjustment and maladjustment ❑ Personality disorders ❑ Factors affecting development of personality ❑ Self actualization 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration 	<ul style="list-style-type: none"> • Essay type • Short answers

Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning Activity	Assessment Methods
VI	5	Describe psychology of people during the life cycle	Developmental Psychology <ul style="list-style-type: none"> Psychology of people at different ages from infancy to old age. Psychology of vulnerable individuals-challenged, women, sick, etc. Psychology of groups Psychology of people at different ages from infancy to old age: <i>In health and illness.</i> Psychology of vulnerable individuals: Can be specified as: for example <ul style="list-style-type: none"> <i>Daughter of alcoholic parents or wife or alcoholic husband.</i> <i>Physically/ sexually abused</i> <i>Rape,</i> <i>Prostitute</i> <i>Alcoholic</i> <i>Physically or mentally challenged</i> <i>Constant exposure to stress etc.</i> Psychology of Groups: for example <ul style="list-style-type: none"> <i>Family, social and professional groups</i> <i>Interpersonal relationship among group members.</i> <i>Inter group relationship.</i> <i>Group morale.</i> 	<ul style="list-style-type: none"> Lecture Discussion Case Discussion 	<ul style="list-style-type: none"> Essay type Short answers

Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning Activity	Assessment Methods
VII	8	<ul style="list-style-type: none"> Describe the characteristics of Mentally health person Explain ego defense mechanisms 	Mental hygiene and mental Health <ul style="list-style-type: none"> Concepts of mental hygiene and mental health Characteristics of mentally healthy person Warning signs of poor mental health. Promotive and preventive mental health strategies and services. Ego defense mechanisms and implications Personal and social adjustments Guidance and counseling Role of nurse Personal and social adjustments: <ul style="list-style-type: none"> <i>Personal Maladjustments</i> <ul style="list-style-type: none"> <i>Regression</i> <i>Withdrawal</i> 	<ul style="list-style-type: none"> Lecture Discussion Case Discussion Role play Demonstration 	<ul style="list-style-type: none"> Essay type Short answers
VIII	14 Hrs T=4 P=10	<ul style="list-style-type: none"> Explain the psychological assessments and role of nurse 	Psychological assessment & tests <ul style="list-style-type: none"> Types, development, Characteristics, Principles, Uses, Interpretations and Role of nurse in psychological assessment Practicals <ul style="list-style-type: none"> Identifying intelligence and coping skills: <ul style="list-style-type: none"> Wechsler's Adult Intelligence scale W I S C Basic skill of Guidance and counseling Role play. 	<ul style="list-style-type: none"> Lecture Discussion Demonstra-tion Practice sessions 	<ul style="list-style-type: none"> Assess-ment of practice

Bibilography:

1. Bhcetic B. D. & Craig M : Element of psychology and mental hygien for Nurses, Chennai. Orient Longmal.
2. Dodge Fernald and Peter S. Fernald, Introduction to Psychology, 5 edition, AITBS, 2004.
3. Jacob Anthikad, Psychology for Graduate Nurses, 3 edition, Jaypee, 2004.
4. Morgan C.T. & King, Introduction to Psychology, 7 edition, Megrow bill international.
5. Second course in psycholog, Higher secondary std. XII K.T. Basantani, Sheth publishers Pvt. Ltd,9th ed. 2005
6. Second course in Psycholog, Higher secondary std. XI K.T. Basantani, Sheth publishers Pvt. Ltd,8th ed. 2005
7. Hurlock E : Development psychology : Tata MC grow Hill Book Co.

Evaluation Scheme:

Subject Psychology	Assessment			
	Hours	Internal	External	Total
Theory	3	25	75	100

Details as follows:

Internal Assessment: 25 Marks
(Out of 25 Marks to be send to the University)

Details as follows:

Theory: 15 Marks

Mid-Term: 50 Marks

Prelim: 75 Marks

Total: 125 Marks

(125 Marks from mid-term & prelim (Theory) to be converted into 15 Marks)

Assignment: 10 Marks

External Assessment (University Examination): 75 Marks

MICROBIOLOGY

Placement : First Year

Theory -60 Hours (Theory 45+15 lab)

Course Description : This course is designed to enable students to acquire understanding of fundamentals of Microbiology and identification of various micro-organisms. It also provides opportunities for practicing infection control measure in hospital and community setting.

Specific objectives: At the end of the course student will be able to:

1. Explain concepts and principles of microbiology and their importance in nursing.
2. Understand the commensal, opportunistic and pathogenic organisms of human body and describe host parasite relationship.
3. State the sources and modes of transmission of pathogenic and opportunistic organisms including vectors and their role in transmission of diseases.
4. Be conversant with proper methods of collection, storage and transport of clinical material for microbiological investigations.
5. Understand the principles of immunology and its application in the diagnosis and prevention of infectious diseases.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment
I	T=5	<ul style="list-style-type: none">• Explain concepts and principles of microbiology and their importance in nursing	Introduction : <ul style="list-style-type: none">• Importance and relevance to nursing• Historical perspective• Concepts and terminology• Principles of microbiology	<ul style="list-style-type: none">• Lecture Discussion	<ul style="list-style-type: none">• Short answers• Objective type
II	15 Hrs T=10 P=5	<ul style="list-style-type: none">• Describe structure, classification morphology and growth of bacteria• Identify Micro-organisms	General characteristics of Microbes <ul style="list-style-type: none">• Structure and classification of Microbes.• Morphological types• Size and form of bacteria• Motility• Colonization• Growth and nutrition of microbes<ul style="list-style-type: none">* Temperature* Moisture* Blood and body fluids• Laboratory methods for Identification of Micro-organisms• Staining techniques,	<ul style="list-style-type: none">• Lecture Discussion• Demonstration	<ul style="list-style-type: none">• Short answers• Objective type.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment
			Gram staining, Acid fast staining, Hanging drop Preparation • Culture; various medias		
III	12 Hrs T=10 P=2	<ul style="list-style-type: none"> • Describe the methods of infection control • Identify the role of nurse in hospital infection control programme 	Infection control <ul style="list-style-type: none"> • Infection : Sources, portals of entry and exit, transmission. • Asepsis • Disinfection; Types and methods • Sterilization ; Types and Methods • Chemotherapy and antibiotics • Standard safety measures • Biomedical waste management • Role of Nurse • Hospital acquired infection • Hospital infection control programme * Protocols, collection of samples, preparation of report and status of rate of infection in the unit / hospital, nurse's accountability, continuing education etc. 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Visits to CSSD • Clinical practices 	<ul style="list-style-type: none"> • Short answers • Objective type
IV	16 Hrs T=12 P=4	<ul style="list-style-type: none"> • Describe the different disease producing organisms 	Pathogenic organisms <ul style="list-style-type: none"> • Micro-organisms <ul style="list-style-type: none"> ◦ Cocci – gram positive and gram negative ◦ bacilli-gram positive gram negative ◦ Spirochaete ◦ Mycoplasmas ◦ Rickettsiae ◦ Chlamydiae • Viruses • Fungi-Superficial and Deep mycoses • Parasites • Rodents & vectors Characteristics, Source, portal of entry, transmission of infection Identification of disease producing micro-organisms Collection, handling and transportation of various specimens. 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Clinical practice 	<ul style="list-style-type: none"> • Short answers • Objective type.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment
V	12 Hrs T=8 P=4	Explain the concept of immunity, hyper sensitivity and immunization	Immunity <ul style="list-style-type: none"> • Immunity – Types, classification • Antigen and antibody reaction • Hypersensitivity – skin test • Serological tests • Immunoprophylaxis <ul style="list-style-type: none"> ◦ Vaccines & sera – Types & Classification, storage and handling, cold chain ◦ Immunization for various diseases Immunization Schedule	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Clinical practices 	<ul style="list-style-type: none"> • Short answers • Objective type.

Bibliography :

1. Alice Corrairie Smith, “Microbiology and pathology” 9th ed., Mosby Co.
2. Bernard D. Davis, Rentap Dalbecco Herman N. Eisen & Harold S. Ginsberg, “Microbiology”, 3rd ed, A Harper International edition.
3. Hug L. L Moffet, (1981) “Clinical microbiology”, 2nd ed., J. B. Lippincott Co.
4. Macbie and Mecartney, (1980), “Medical microbiology” 13th ed., Printed.
5. P. Ananthanarayan and C. K. Jayarm Panikar, “Textbook of microbiology”, 8th ed., Orient Longman Company Ltd.
6. Chakravarti Text book of Microbiology.
7. T. Panjraton Text Book of Microbiology in nursing, New central Bool agency Culcutta 2002.

Evaluation Scheme

Subject Microbiology	Assessment			
	Hours	Internal	External	Total
Theory	3	25	75	100

Details as follows:

Internal Assessment: 25 Marks
(Out of 25 Marks to be send to the University)

Details as follows:

Theory: 15 Marks

Mid-Term: 50 Marks

Prelim: 75 Marks

Total: 125 Marks

(125 Marks from mid-term & prelim (Theory) to be converted into 15 Marks)

Assignment: 10 Marks

External Assessment: 75 Marks (University Examination)

**MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES
NASHIK**

**1ST YEAR
BASIC B.Sc. NURSING
SYLLABUS
2005-2006**

ENGLISH

Placement: First year

Theory - 60 Hours

Course description: The course is designed to enable students to enhance ability to comprehend spoken and written English (and use English) required for effective communication in their professional work. Students will practice their skills in verbal and written English during clinical and classroom experience.

Specific objectives: At the end of the course the students are able to:

- 1) Develop good vocabulary skills or better communication.
- 2) Effectively communicates with patients while rendering care.
- 3) Understands methods of writing and drafting letters in English.
- 4) To plan and write effective nursing process and records.

Unit	Time (Hrs)	Learning Objectives	Contents	Teaching Learning Activities	Assessment Methods
I	10	<ul style="list-style-type: none"> Speak & write grammatically correct English 	<ul style="list-style-type: none"> Review of Grammar Remedial study of grammar Building Vocabulary Lexical sets 	<ul style="list-style-type: none"> Demonstrate use of grammar Dictionary Exercise on use of Grammar Practice in using appropriate expression 	<ul style="list-style-type: none"> Objective type Fill in the blanks Do as directed
II	4	<ul style="list-style-type: none"> Developing listening skills 	<ul style="list-style-type: none"> Listening Comprehension Media, audio, video, speeches etc. Audio rendition of text. 	Exercise on: <ul style="list-style-type: none"> Listening to audio, video tapes and identify the key points, accent & information pattern 	<ul style="list-style-type: none"> Assessment of skills based on the check list
III	6	<ul style="list-style-type: none"> Developing speaking skills 	<ul style="list-style-type: none"> Spoken English Phonetics, public speaking Oral report Group Discussion Debate Telephonic Conversion Conversational skills (Formal, 	Exercise on: <ul style="list-style-type: none"> Debating Participating in Seminar, Panel, Symposium Telephonic Conversion Conversation in different situations, practice in public speaking 	<ul style="list-style-type: none"> Assessment of the skills based on the checklist.

Unit	Time (Hrs)	Learning Objectives	Contents	Teaching Learning Activities	Assessment Methods
			Neutral & informal situation)		
IV	30	<ul style="list-style-type: none"> Develop ability to read, understand and express meaningfully, the prescribed text. 	<ul style="list-style-type: none"> Read and comprehend prescribed course books Skimming & Scanning Reading in sense groups Reading between the lines. 	Exercise on: <ul style="list-style-type: none"> Reading Summarizing Comprehension 	<ul style="list-style-type: none"> Short Answers type questions. Essay type questions.
V	10	<ul style="list-style-type: none"> Develop writing skills 	<ul style="list-style-type: none"> Various forms of composition Letter writing Note making & Note takings Précis writings Nurses Notes Anecdotal records Diary writing Reports on health problem Resume /CV Notices, Agenda, minutes Telegram Essay 	Exercise on: <ul style="list-style-type: none"> Letter writing Note making & Note takings Précis writings Nurses Notes Anecdotal records Diary writing Reports on health problem Resume /CV Notices, Agenda, minutes, telegram, essay Discussion on written reports / documents 	<ul style="list-style-type: none"> Assessment of the skills based on the checklist.

Further suggested teaching learning activities

Unit I

➤ GRAMMER AND VOCABULARY

- Revising parts of speech
- Pairs of confused words, synonyms & Antonyms
- Lexical sets & collocations
- Using appropriate words and expressions

Unit II

➤ LISTENING SKILLS

- Audio rendition of British & American Dialects of English.
- Students listening to cassettes.
- Teachers reading the loudly.

Unit III

➤ SPEAKING SKILLS

- Pronunciation.

- Accentual & intonation pattern.
- Maxims of conversational skills.

Unit IV

➤ READING SKILLS

- Text:
 1. Developing your English by Gokhale & Robinson
 2. Discourse skills in English by Grace Jacob, Narkar & Halliday
 3. Eight short stories by K.N. Vasudeva Panikkar
 - Skimming & Scanning, reading in sense group.
 - Avoiding Clumsiness & ambiguities
- Example: (Indian wives eat after eating their husbands)

Unit V

➤ WRITING SKILLS

- Choice of words and structures for effective writing
Example: Nurses make a lot of money.
It is nurses who make a lot of money.
- Punctuation
Example: Hang, not leave him.
Hang not, leave him.
- Organization of material effectively.

Bibliography:

1. Living English Grammar & Composition Tickoo M.L. & Subramaniam A.E, Oriental Longman, New Delhi.
2. English for practical purposes Valke, Thorat Patil & Merchant, Macmillan Publication, New Delhi.
3. Enriching your competence in English, by Thorat, Valke, Orient Publication, Pune
4. English Grammar & Composition Wren & Martin, S. Chand Publications-2005, Delhi.
5. Selva Rose, Carrier English for Nurses, 1st edition -1999, published by Orient Long man Pvt. Ltd. – 1997, Chennai.

Evaluation Scheme:

Subject	Hours	Internal Assessment	Total
* English	--	100 (College level qualifying exam, minimum passing Marks 40%.)	100

*** College level qualifying exam to appear in University Examination, minimum passing Marks 40%.**

Details as follows:

Internal Assessment: 100 Marks

(Out of 100 Marks from mid-term & prelim to be send to the University along with Internal Assessment Marks of other subjects for inclusion in the Mark Sheet.)

Mid-Term:	50 Marks
Prelim:	50 Marks
Total:	100 Marks

Introduction to Computer

Placement : First Year

Theory – 45 Hours
(Class -15 + lab 30)

Course Description : This course is designed for students to development basic understanding of uses of computer and its applications in nursing.

Specific objectives: After the completion of the course, students will able to:

1. Identify & define various concepts used in computer.
2. Identify & describe application of computer in nursing.
- 3 Describe & use the DOS & Windows
4. Describe & demonstrate skill in the use of MS-office.
5. Describe & demonstrate skill in using multimedia & computer aided teaching & testing.
6. Identify & demonstrate use of internet & e-mail
7. Describe & use the statistical packages
8. Describe the use of Hospital Management System.

Unit	(Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment methods
I	3	<ul style="list-style-type: none"> •Identify & define various concepts used in computer •Identify application of computer in nursing 	Introduction <ul style="list-style-type: none"> •Concepts of Computers •Hardware and software; trends and technology •Application of computers in nursing 	<ul style="list-style-type: none"> •Lecture Discussion •Demonstration 	<ul style="list-style-type: none"> •Short answers •Objective type.
II	26 Hrs T=6 P=20	<ul style="list-style-type: none"> •Describe and Use the Disk Operating System •Demonstrate skill in the use of MS Office 	<ul style="list-style-type: none"> •Introduction to disk operating system <ul style="list-style-type: none"> ○ DOS ○ Windows (all version) •Introduction <ul style="list-style-type: none"> ○ MS-Word ○ MS-Excel with pictorial presentation ○ MS-Access ○ MS-Power point 	<ul style="list-style-type: none"> •Lecturer Discussion •Demonstration 	<ul style="list-style-type: none"> •Short answers •Objective type •Practical Exam.
III	5 Hrs T=2 P=3	<ul style="list-style-type: none"> •Demonstrate skill in using in using multi-media •Identify features of computer aided teaching and testing 	<ul style="list-style-type: none"> •Multimedia; types & uses •Computer aided teaching & testing. 	<ul style="list-style-type: none"> •Lecture Discussion •Demonstration 	<ul style="list-style-type: none"> •Short answers •Objective type •Practical Exam and Viva Voce
IV	4 Hrs T=1 P=3	<ul style="list-style-type: none"> •Demonstrate use of internet and Email 	<ul style="list-style-type: none"> •Use of Internet and : e-mail 	<ul style="list-style-type: none"> •Lecture Discussion •Demonstration •Practice Session 	<ul style="list-style-type: none"> •Short answers •Objective type •Practical Exam and Viva Voce

Unit	(Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment methods
V	4 Hrs T=2 P=2	•Describe and use the statistical packages	•Statistical packages : types and their features	•Lecturer Discussion •Demonstration •Practice Session	•Short answers •Objective type •Practical Exam and Viva Voce
VI	3 Hrs T=1 P=2	•Describe the use of Hospital Management System	•Hospital Management System : Types and uses	•Lecture Discussion •Demonstration	•Short answers •Objective type •Practical Exam and Viva Voce

REFERENCES

- 1) Jain and Saakshi (2004), COMPUTERS FOR NURSES
- 2) Kalicharan (2002), INTRODUCTION TO COMPUTER SCIENCE
- 3) Nicoll (2001), NURSES GUIDE TO INTERNET. Third edition.
- 4) Phatak M et al (2001), MULTIMEDIA TECHNIQUES. First edition, Nirali Prakashan.
- 5) Rajaraman (1999), FUNDAMENTALS OF COMPUTER. Tata Macrohill Publication, New Delhi.
- 6) Sanjeev kumar (2002), A TEXTBOOK OF COMPUTER APPLICATIONS. Educational and Technical Publishers, New Delhi.

Evaluation Scheme

Subject #Introduction to computer	Internal Assessment	Total
Theory	100 (College level qualifying exam, minimum passing Marks 50%.)	100

College level qualifying exam to appear in University Examination must be minimum 50% combined i.e. 50 marks out of 100 marks (Theory & Practical Examination clubbed together)

Details as follows:

Internal Assessment: 100 Marks

(Out of 100 Marks to be send to the University)

Mid-Term: 50 Marks
Prelim: 50 Marks
Total: 100 Marks



COURSE OF INSTRUCTION SECOND YEAR B.SC. NURSING

SN	Subject	Theory		Clinical	In hrs
		Classroom	Lab		
1	Sociology	60			
2	Pharmacology	35	10		
3	A) Pathology &	23	07		
4	B) Genetics	15			
5	Medical – Surgical Nursing – I	170	40	720	
6	Community Health Nursing - I	90		135	
7	Communication and Educational Technology	60	30		
8	Library Work / Self Study				50
9	Co-curricular Activities				35
	Total	453	87	855	85
Total Hours 1480					

SCHEME OF EXAMINATION

SN	Subject	Hours	Internal Assessment	External Exam	Total
1	Sociology	3	25	75	100
2	Medical – Surgical Nursing-I	3	25	75	100
3	Pharmacology Pathology & Genetics	3	25	75	100
4	Community Health Nursing-I	3	25	75	100
5	Communication and Educational Technology	3	25	75	100
6	Practical and viva voce Medical – Surgical Nursing-I	--	100	100	200
Grand total					700

SCHEME OF INTERNAL ASSESSMENT

THEORY:

SN	Subjects	Type of Test & Assignment	Marks	Total Marks	Marks Calculated and send to University out of Internal Assessment
1	Sociology	Mid-term	50	125	25
		Pre-final	75		
2	Medical Surgical Nursing-I	Mid-term	50	125	25
		Pre-final	75		
3	Pharmacology, Pathology and Genetics	Pharmacology		125	15
		Mid-term	30		
		Pre-final	40		
		Pathology and Genetics	20		
		Mid-term	35		
		Assignments	25	50	10
		Pharmacology- Drug Study Pathology – Preparation of patients for various investigations	25		
4.	Community Health Nursing	Mid-term	50	125	15
		Pre-final	75		
		Assignment	50	225	10
		Family Health Care Study-1	25		
		Observation Report of Community-1	50		
		Health talks-2 (2 X 25 Marks)	100		
5	Communication & Education Technology	Mid-term	50	125	15
		Pre-final	75		
		Assignment		225	10
		Response to Critical Incidents using Anecdotal Record (3 X 10 Marks)	30		
		Lesson Plan Preparation & Conduction of four Teaching (4 X 25 Marks)	100		
		Visual Aid Preparation	50		
		Assessment Tools (3 X 15 Marks) 1. Preparation of question paper, 2. Check list, 3. Attitude Scale	45		

SCHEME OF INTERNAL ASSESSMENT

PRACTICAL:

SN	Subjects	Type of Test & Assignment	Marks	Total Marks	Marks Calculated and send to University out of Internal Assessment
6	<u>Practical -</u> Medical Surgical Nursing – I	Mid-term Exam.	50	725	100
		Pre-final Exam.	100		
		Nursing Care Plan-03 (3 X 25 Marks) 1. Medical Ward-01, 2. Surgical Ward-01, 3. Ortho / Any Other-01	75		
		Case Presentation-01	50		
		Case Study-02 (2 X 50 Marks) 1. Medical Ward-01, 2. Surgical Ward-01	100		
		Health Education-01	25		
		Therapeutic Diet-01	25		
		Clinical Evaluation-03 (3 X 100 Marks) 1. Medical Ward-01, 2. Surgical Ward-01, 3. OT / Any Other-01	300		

SOCIOLOGY

Placement: Second Year

Total Hours: 60

Course Description: This course is designed to introduce the concepts of sociology related to community and social institutions in India and its relationship with health, illness and nursing.

Course objectives: At the end of the course, the student will be able to:

1. Describe the structure and the dynamics of the society
2. Discuss the relationship of the individual to the society.
3. Understand the social problems and its influence on social changes and the factors contributing to it.
4. Describe sociological concepts applicable to nursing.
5. Determine role of sociology in nursing as related to social institution in India
6. Develop positive attitudes towards individual, family and community.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assessment method
I	1	State the importance of sociology in Nursing	Introduction Definition of Sociology Nature and Scope of the discipline Importance and application of Sociology in Nursing	Lecture Discussion	Essay type Short answers
II	3	Describe the inter - relationship of individual in society and community	Individual & Society Society and Community Nature of Society Difference between society and community Process of socialization and individualization Personal disorganization	Lecture Discussion	Essay type Short answers
III	3	Describe the influence of culture and on health and disease	Culture Nature of culture Evolution of culture Diversity and uniformity of culture Culture and socialization Trans cultural society Influence on health and disease	Lecture Discussion Panel Discussion	Essay type Short answers

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assessment method
IV	4	Identify various social groups and their interactions	Social groups and Processes The meaning and classification of groups Primary & Secondary Group In-group V/s. Out-group, Class, Tribe, caste Economic, Political, Religious groups, Mob, Crowd, Public and Audience Interaction & social processes Co - operation, competition, conflict Accommodation, Assimilation & Isolation	Lecture Discussion	Essay type Short answers
V	6	Explain the growth of population in India and its impact on health	Population Society and population Population distribution in India Demographic characteristics Malthusian theory of populations Population explosion in India and its impact on health status Family welfare programmes	Lecture Discussion Community identification	Essay type Short answers Assessment of report on community identification
VI	5	Describe the institutions of family and marriage in India	Family and Marriage Family - functions Types - Joint, Nuclear, Blended and extended family: Characteristics The modern family - changes, problems - Dowry etc. Welfare services Changes & legislations on family and marriage in India - marriage acts Marriage: Forms and functions of marriage Marriage and family problems in India Family, marriage and their influence on health and health practices	Lecture Discussion Family case study	Essay type Short answers Assessment of family case study

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assessment method
VII	7	Describe the class and caste system and their influence on health and health practices	Social Stratification Meaning & types of social stratification The Indian Caste system-origin & features Features of Caste in India Today Government policies for schedule caste, schedule tribe, and OBC Social Class system and status Social mobility-meaning & types Race as a biological concept, criteria of racial classification Salient features of Primary races Racism Influence of Class, caste and Race on health and health practices	Lecture Discussion Community survey	Essay type Short answers Assessment of report on community survey
VIII	6	Describes the types of communities in India, their practices and the impact on health	Types of communities in India (Rural, Urban and Regional) Features of village community & Characteristics of Indian villages Panchayat system, social dynamics Community development project and planning Changes in Indian Rural life Availability of health facilities in rural and its impact on health and health practices The growth of cities: Urbanisation and its impact on health and health practices Major Urban problems – Urban Slums Region; problems and impact on Health	Lecture Discussion Visits to rural and urban community survey	Assessment of report on community survey

IX	4	Explain the process of Social Change	Social Change Nature and process of Social Change Factors influencing Social change: cultural change, Cultural lag, culture and health (with special reference to women's health). Introduction to Theories of social change: Linear, Cyclical, Marxian, Functional, Sanskritisation and Modernisation. Role of nurse -Change agents	Lecture Discussion	Essay type Short answers
X	4	Describe the Social system and inter-relationship of social organizations	Social organization and social system Social organization: elements, types Democratic and authoritarian modes of participation, Voluntary associations Social system: Definition and Type of social system Role and Status as structural elements of social system with reference to women's role and status and its impact on family. Inter-relationship of institutions	Lecture Discussion Observation visits	Essay type Short answers Assessment of visit reports
XI	2	Explain the nature and process of social control	Social Control Nature and process of social control Political Legal, Religious, Educational Economic. Industrial and Technological system, Norms & Values- Folkways& Moers Customs, Laws and fashion Role of nurse	Lecture Discussion Community survey	Essay type Short answers Assessment of report on community survey
XII	15	Describe the role of the nurse in dealing with social problems in India	Social Problems Social disorganization Control & planning: poverty, housing, and illiteracy. Food supplies, prostitution, rights of women & children, Government health programs, vulnerable groups, elderly, handicapped minority groups and other marginalized groups, child labour, child abuse, delinquency and crime, substance abuse, HIV/AIDS. Social Welfare programmes in India Role of nurse	Lecture Discussion Institutional visits	Essay type Short answers Assessment of visit reports

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6. Dr.Ajithkumar Sinha, Principles of Sociology, Lakshmi Narain Agarwal educational publishers
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EVALUATION

INTERNAL ASSESSMENT: (Theory Exams)

Maximum Marks: 25

Mid-term Examination: 50 Marks

Pre-final Examination: 75 Marks

Total: 125 Marks

(125 Marks to be converted in to 25 Marks for Internal Assessment (Theory))

EXTERNAL ASSESSMENT: (Theory)

University examination: 75 Marks

MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS) – I

Placement: Second Year

Theory: 210 Hrs

Practical: 720 Hrs

Course Description: The purpose of this course is to acquire knowledge and develop proficiency in caring for patients with medical surgical disorders in varieties of health care settings and at home.

Specific Objectives: At completion of the course the student is able to:

- a. Describe the causes, signs and symptoms, treatment and prevention of medical surgical conditions.
- b. Demonstrate skill in carrying out nursing techniques and procedures in keeping with scientific principles.
- c. Discuss nursing process and provide nursing care to patients with various medical surgical conditions.

Unit	Time Hrs	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
I	13	*Appreciate the trends in medical & surgical nursing * Describe the role of a Nurse in caring for adult patients in hospital & Community * Describe the concept of Medical Surgical asepse	<u>INTRODUCTION</u> <ul style="list-style-type: none"> • Introduction to Medical Surgical Nursing Evaluation & trends of medical & surgical nursing • Review of concepts of health & illness, diseases concepts, its causes- Classification of diseases, International classification of Diseases -Acute, chronic, & terminal stages of illness - Review of concept of compressive Nursing care in medical Surgical Condition based on Nursing Process. Role of nurse patients & family in care of adult patients. •Role & responsibility of nurse in medical surgical settings: <ul style="list-style-type: none"> -Outpatient department -In patient department -Intensive care units -Home & community settings • Introduction to medical sepsis -Inflammation and Infection - Stress adaptation - Hemorrhage 	<ul style="list-style-type: none"> •Lectures & Discussion •Charts , graphs models, films and slides •Demonstrations •Practice sessions •Case discussions •Seminars •Clinical practice •Drug book •Exposure to related procedures 	<ul style="list-style-type: none"> •Essay type •Short answers •Objective type •Skill assessment with check list •Clinical work

Unit	Time Hrs	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> - Nutritional consideration - immunity - Wound healing • Care of surgical patients. <ul style="list-style-type: none"> Preoperative Intraoperative Postoperative • <u>Demonstrations</u> <ul style="list-style-type: none"> -surgical asepsis -Dressings -Care of wound drainage -Preoperative preparation of patients. 		
II	12	Describe the common sign and symptoms of problems and their specific nursing management	<u>Common sign and symptoms and management</u> <ul style="list-style-type: none"> -Fluid & electrolyte imbalance -Vomiting -Dyspnea and cough, respiratory difficulty and obstructions -Fever -Shock -Unconsciousness, syncope -Pain -Incontinence (bladder & bowl) & retention of urine - Constipation - Diarrhea -Edema -Age related problems-Geriatric problem. 	<ul style="list-style-type: none"> • Lectures & Discussion •Charts , graphs models, films and slides •Demonstrations •Practice sessions •Case discussions / seminar 	Essay type <ul style="list-style-type: none"> •Short answers •Objective type of question Assessment of skill assessment with check list <ul style="list-style-type: none"> •Clinical work

Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
III	20	Describe the Etiology , pathophysiology clinical manifestation & diagnostic measures (& management of patients (adult including elderly) with disorder of reparatory system common medical surgical nursing procedures	<p><u>Nursing management of patients (adults including elderly) with respiratory problems</u></p> <ul style="list-style-type: none"> • Review of Anatomy & Physiology of respiratory system. • Nursing Assessment – History & Physical assessment • Etiology, Pathophysiology, Clinical manifestations, diagnosis, treatment modalities & Medical, surgical, Nutritional & nursing including elderly with: • Upper Respiratory tract infections • Bronchitis , Bronchiolitis • Asthma • Emphysema • Empyema • Atelectasis • Chronic obstructive Pulmonary Diseases (COPD) • Bronchiectasis • Pneumonia • Pulmonary tuberculosis • Lung abscess • Pleural abscess, effusion • Cysts & Tumors • Chest injuries • Respiratory arrest, ARDS & insufficiency • Pulmonary embolism Special therapies, alternative therapies Nursing Procedures Drugs used in treatment of respiratory disorders. • <u>Demonstrations</u> <ul style="list-style-type: none"> - Respiratory assessment assisting in procedures of X ray chest, MRI, lung Biopsy, bronchoscopy - Thoracocentesis, - care of patients 	<ul style="list-style-type: none"> •Lectures & Discussion charts, graphs models, films and slides •Demonstrations •Practice sessions •Case discussions / Seminar •Clinical Practice •Drug book • Exposure to procedure- X ray - MRI Edoscopy 	<ul style="list-style-type: none"> •Essay type Short answers •Objective type of questions Assessment of skills with assessment of patients with Clinical work Management problem

			with chest drainage & change of chest drainage- Care of patients on ventilators & weaning – nebulisation, -		
Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
IV	30	Describe the etiology, Patho-physiology, clinical manifestation, diagnostic measures and management of patients (Adults including elderly) with disorders of Digestive system	<p><u>Nursing management of patient (Adults including elderly) with disorders of Digestive system</u></p> <ul style="list-style-type: none"> • Review of Anatomy & Physiology of digestive system • Nursing Assessment –history & physical assessment • Etiology, patho-physiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, Nutritional & nursing management <p>Disorders of oral cavity</p> <ul style="list-style-type: none"> • Oral cavity- Lips, gums, tongue, salivary and teeth -esophagus- inflammation, stricture, obstruction, bleeding & esophageal tumour • Stomach & Duodenum- hiatus hernia, gastritis, peptic & duodenal ulcer, bleeding, tumour pyloric stenosis -Food allergy & poisoning • Small intestinal inflammation and infection - Ulcerative colitis, enteritis, malabsorption syndrome, Obstruction, tumors perforation, • Large Intestinal disorders -Colitis inflammations & infection, obstruction, Tumors, lump Hernis • Appendix Inflammation, mass, abscess, rupture • Anal & Rectum Fistulas, fissures, Hemorrhoides and tumour • Peritonitis/ acute abdominal • Pancreas; inflammation, cyst, abscess, tumours Abdominal trauma • Acute Abdoma to • Pancreas- Acute & chronic pancreatitis, abscess & tumors 	<ul style="list-style-type: none"> • Lectures & Discussion • Charts, graphs models, films and slides • Demonstrations • Practice sessions • Case discussions • Seminars • Clinical practice • Drug book • Exposure to related procedures Health Education Supervised clinical practice Drug Book / Presentation 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Skill assessment with check list • Clinical work assessment of patient management

			<ul style="list-style-type: none"> •Liver- Jaundice, hepatitis, cirrhosis, abscess, portal hypertension, hepatic failure and tumors 		
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Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> •Biliary tract & gall bladder -Cholecystitis, cholelithiasis, tumors •<u>Demonstrations</u> -Preparing assessing & witnessing - Barium meal, enema, -Abdominal paracentesis, -Liver biopsy, -Endoscopies, ERCP, OGD, Colonoscopy, Proctoscopy, Sigmoidoscopy -Liver function test Gastric analysis, stomach wash - Gastrostomy feeding - Jejunostomy feeding - Bowel wash - Colostomy care • Liver inflammation cyst, abscess, cirrhosis, portal hypertension, hepatic failure, tumours, • Gall Bladder, inflammation, Obstruction, Stones, & tumours Special Therapies, alternative therapies nursing procedures, drug used in the treatment of disorders & diseases of digestive system 		

Unit	Time	Learning Objectives	Contents	Teaching Learning Activities	Assessment Methods
V	30	Describe the etiology, patho-physiology, clinical manifestation, diagnostic measures and management of patients (adults including elderly) with disorders of blood and cardiovascular problems Describe the vascular conditions and its nursing management	<p><u>Nursing management of patient(adults including elderly) with blood and cardiovascular problems</u></p> <ul style="list-style-type: none"> • Review of Anatomy & Physiology of blood and cardiovascular system • Nursing Assessment –history & physical assessment. • Etiology, patho physiology, clinical manifestation, diagnosis, treatment modalities: medical, surgical, Nutritional & nursing management of: • Heart- <ul style="list-style-type: none"> -Coronary artery disease -Ischemic heart disease - Coronary atherosclerosis -Angina pectoris -Myocardial infarction -Congestive cardiac failure -Cor pulmonale -Pulmonary Odema -Cardiogenic shock -Cardiac tamponade - Endocarditis -Myocarditis -Pericarditis -Cardiomyopathies • Valvular heart disease- <ul style="list-style-type: none"> -Congenital & acquired -Rheumatic heart disease -Mitral stenosis • Conduction system <ul style="list-style-type: none"> -Cardiac dysarrhythmias & heart blocks • Vascular systems <ul style="list-style-type: none"> Hypertension, hypotension Raynaud's disease Aneurism and Peripheral vascular disorders, Cardiogenic shock •Cardiac arrest- ACLS, BLS • Blood <ul style="list-style-type: none"> -Anaemias -Polycythemia - Bleeding & clotting disorders -Thrombocytopenia -Hemophilia -Thalassemia -Leukemia 	<ul style="list-style-type: none"> •Lectures & Discussion • Explain charts, graphs models, films and slides •Demonstrations •Practice sessions •Case discussions / Seminars •Clinical practice •Drug book •Exposure to procedure visit to blood bank participation in blood bank counseling 	<ul style="list-style-type: none"> •Essay type •Short answers •Objective type •Skill assessment with check list •Clinical work

			<ul style="list-style-type: none"> -Leucopenia Agranulocytosis -Lymphomas & Myelomas • Blood bank functioning & Biosafety management related to blood transfusion -Role of nurse in organ donation, transplant, retrieval & banking Drugs used in cardiovascular system. Alternative therapies • Demonstration-ECG-3 & 12 lead, -Holter monitoring -2DEcho,Doppler 		
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VI	10	Describe the etiology, Patho-physiology, clinical manifestation, diagnostic measures and management of patients (adults including elderly) with disorders of genitourinary system	<p><u>Nursing management of patient (Adults including elderly) with genitourinary problems</u></p> <ul style="list-style-type: none"> • Review of Anatomy & Physiology of genitourinary systems • Nursing Assessment –history & physical assessment. • Etiology, patho-physiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of -Nephritis -Nephrotic syndrome -Nephrosis - Renal calculus - Tumours -Acute renal failure -Chronic renal failure -End stage renal disease -Dialysis, renal transplant -congenital disorders, urinary infections -Benign prostate hypertrophy • Kidney -Polycystic kidney • Disorders of ureter, urinary bladder-urethra- inflammation infections, calculus stricture, obstructions, tumors, prostate Drug used in treatment of Genic <u>Demonstrations</u> Bladder wash / Irrigation Demonstration care of Indwelling catheterization male / female Condom catheters (external) 	<ul style="list-style-type: none"> •Lectures & Discussion • Explain using charts, graphs models, films and slides •Demonstrations •Practice sessions •Case discussions/ Seminars •Supervised Clinical practice •Drug book/presentation •Exposure to procedure Health Education 	<p>Essay type</p> <ul style="list-style-type: none"> •Short answers •Objective type •Skill assessment with check list •Clinical work Assessment of patient management problem
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Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
VII	5	Describe the etiology, Patho-Physiology, Clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of male reproductive system.	<p><u>Nursing management of disorders of male (adults including elderly) reproductive system</u></p> <ul style="list-style-type: none"> • Review of anatomy and Physiology of male reproductive system • Nursing assessment-history and physical assessment • Etiology, patho-physiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical dietetics and nursing management of disorders of male reproductive system • Congenital malformations; cryptorchidism • Infections • Hypospadiasis, Epispadiasis • Infection Testis and adjacent structure • Penis <ul style="list-style-type: none"> • Prostate: inflammation, infection hypertrophy, tumor • Sexual Dysfunction • Infertility • Contraception • Breast, gynecomastia, tumor • Climacteric changes special therapies, alternative therapies. • Nursing procedures <p>drugs used in treatment of disorders of male reproductive system</p>	<p>Lecture discussion</p> <p>Explain using Charts, graphs</p> <ul style="list-style-type: none"> • Models, films, slides • Demonstration • Practice session • Case discussion / seminar • Health education • Supervised clinical practice • Drug book / presentation 	<ul style="list-style-type: none"> • Essay type • Short answer • Objective type • Assessment of skills with check list <p>Assessment of patients management problem</p>

Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
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Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
VIII	10	Describe the etiology, Patho Physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of endocrine system	<p><u>Nursing management of patient (adults including elderly) with disorders of endocrine system</u></p> <ul style="list-style-type: none"> Review of anatomy and physiology of endocrine system <ul style="list-style-type: none"> Nursing assessment-history and physical assessment Etiology, patho-physiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics and nursing management of Disorders of pituitary Disorders of thyroid and parathyroid Adrenal tumour Diabetes mellitus Diabetes insipidus_ special therapies, alternative therapies Nursing procedures drugs used in treatment of disorders of endocrine system 	<ul style="list-style-type: none"> Lecture discussion Explain using Charts, graphs <ul style="list-style-type: none"> Models, films, slides Demonstration Practice session Case discussion / seminar Health education Supervised clinical practice Drug book / presentation 	<ul style="list-style-type: none"> Essay type Short answer Objective type Assessment of skills with check list Assessment of patients management problem

Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
IX	10	Describe the etiology, Patho Physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of skin	<p><u>Nursing management of patients (adults including elderly) with disorders of Integumentary system</u></p> <ul style="list-style-type: none"> • Review of anatomy and physiology of skin and its appendages • Nursing assessment-history and physical assessment • Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics and nursing management of disorders of skin and its appendages <ul style="list-style-type: none"> • Lesions and abrasions • Infection and infestations: Dermatitis • Dermatoses; infectious and non infectious “inflammatory dermatoses • Acne vulgaris • Allergies and Eczema • Psoriasis • Malignant melanoma • Alopecia • Leucoderma • Care of patient with Skin surgery <p>Special therapies, alternative therapies</p> <ul style="list-style-type: none"> • Nursing procedures, • drugs used in treatment of disorders of Integumentary system 	<ul style="list-style-type: none"> • Lecture discussion • Explain using Charts, graphs <ul style="list-style-type: none"> • Models, films, slides • Demonstration • Practice session • Case discussion / seminar • Health education • Supervised clinical practice • Drug book / presentation 	<ul style="list-style-type: none"> • Essay type • Short answer • Objective type • Assessment of skills with check list • Assessment of patients management problem

Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
X	15	Describe the etiology, Pathology, Physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of musculoskeletal system	<p><u>Nursing management of patients (adults including elderly) with musculoskeletal problems</u></p> <ul style="list-style-type: none"> Review of anatomy and physiology of musculoskeletal system, Nursing assessment-history and physical assessment Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics and nursing management of Disorders of: <ul style="list-style-type: none"> ❑ Muscles, ligaments and joints-inflammation, infection trauma ❑ Bones-inflammation, infection, dislocation, sprain, fracture, tumour & trauma ❑ Osteomalacia and osteoporosis ❑ Arthritis ❑ Congenital deformities ❑ Spinal column – defects and deformities, tumor, Prolapsed inter vertebral disc. Pott's spine ❑ Paget's disease <ul style="list-style-type: none"> Amputation Prosthesis Transplant and replacement surgeries Rehabilitation special therapies, alternative therapies Nursing procedures, drug used in treatment of disorders of musculoskeletal system 	<ul style="list-style-type: none"> Lecture discussion Explain using Chart, graphs Models, films, slides Demonstration Practice session Case discussion / seminar Health education Supervised clinical practice Drug book / presentation 	<ul style="list-style-type: none"> Essay type Short answers Objective type Assessment of skill with check list check list Assessment of patients management problem

Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
XI	10	<ul style="list-style-type: none"> Describe the etiology, patho physiology, clinical manifestations diagnostic Measures and Management of Patients (adults Including elderly) with disorders of Immunological systems 	<p><u>Nursing management of Patient (adults Including elderly) with Immunological problems</u></p> <ul style="list-style-type: none"> Review of Immune system. Nursing Assessment-History and physical assessment Etiology, Pathophysiology, clinical manifestations, diagnosis treatment modalities and medical, surgical, dietetics and nursing management of- <ul style="list-style-type: none"> Immunodeficiency disorder Primary immuno deficiency Phagocytic dysfunction B-cell and T-cell deficiencies Secondary immuno-deficiencies Acquired Immuno Deficiency Syndrome (AIDS) Incidence of HIV & AIDS Epidemiology Transmission-prevention of Transmission Standard safety precautions Roll of nurse, counseling Health education and home care consideration, National AIDS control program NACO various National and international agencies. Infection control program Rehabilitation, Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of immunological systems 	<ul style="list-style-type: none"> Lecture Discussion Explain using Charts, Graphs Models, films slides Demonstration Practice session Case discussion/ Seminar Health education Supervised clinical practice Drug book/ presentation Orientation visit to Hospital control system 	<ul style="list-style-type: none"> Essay type Short answer Objective type Assessment of skills with check list Assessment of patient management problem

Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
XII	20	Describe the etiology, Patho-, Physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with Communicable Diseases	<p><u>Nursing management of patient (adults including elderly) with Communicable Diseases</u></p> <ul style="list-style-type: none"> • Overview of infectious disease, the infectious process • Nursing Assessment-History and physical assessment • Epidemiology, infectious process, clinical manifestations, diagnosis, treatment, prevention and dietetics. Control and eradication of common communicable diseases <ul style="list-style-type: none"> ❑ Tuberculosis ❑ Diarrhoeal diseases ❑ Hepatitis A-E ❑ Herpes ❑ Chickenpox ❑ Smallpox ❑ Typhoid ❑ Meningitis ❑ Gas gangrene ❑ Leprosy ❑ Dengue ❑ Plague ❑ Malaria ❑ Diphtheria ❑ Pertussis ❑ Poliomyelitis ❑ Measles ❑ Mumps ❑ Influenza ❑ Tetanus ❑ Yellow fever ❑ Filariasis ❑ HIV, AIDS communicable diseases • Reproductive Tract Infections • Special infection control measures; Notification, Isolation, Quarantine, Immunization, Infectious Disease Hospitals Special therapies, Alternative therapies <ul style="list-style-type: none"> • Nursing procedures • Drugs used in treatment of 	<p>Lecture discussion</p> <ul style="list-style-type: none"> • Explain using Charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussion / seminar • Health education • Supervised clinical practice • Drug book / presentation 	<p>Essay type</p> <ul style="list-style-type: none"> • Short answer • Objective type • Assessment of skills with check list • Assessment of patients management problem

Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
XIII	25	<ul style="list-style-type: none"> Describe the organization and physical set up of operation theatre Identify the various instruments and equipments used for common surgical procedures Describe the infection control measures in the operation theatre Describe the role of the nurse in the Peri operative nursing care 	<p>Peri Operative nursing:</p> <ul style="list-style-type: none"> Organization and physical set up of the operation theatre (OT): <ul style="list-style-type: none"> Classification O.T.DESIGN Staffing Members of the OT team. Duties and responsibility of nurse in OT Principles of health and operating room attire. Instruments Sutures and suture materials Equipments O.T. tables and sets for common surgical procedure Scrubbing procedures Gowning and gloving Preparation of O.T. sets Monitoring the patients during surgical procedures <ul style="list-style-type: none"> Maintenance of therapeutics environment in O.T. Standard safely measures Infection control: fumigation, disinfection and sterilization Biomedical waste management Prevention of accidents and hazards in O.T. •Anaesthesia <ul style="list-style-type: none"> Types Methods of administration Effects and stages Equipment Drugs <ul style="list-style-type: none"> Cardio pulmonary Resuscitation (CPR) Pain management techniques Legal Aspects 	<ul style="list-style-type: none"> Lecture discussion Explain using Charts, graphs Models, films, slides Demonstration Practice session Supervised clinical practice <p>Drug book / presentation</p>	<ul style="list-style-type: none"> Essay type Short answer Objective type Assessment of skills with check list

MEDICAL SURGICAL NURSING

(Adult including Geriatrics)-I

Practical

Placement: Second year

Time: 720 Hours

Areas	Duration (in wk)	Objectives	Skills	Assignments	Assessment Methods
General Medical Ward (Respiratory, GI, Endocrine, Renal, Hematology)	06	<ul style="list-style-type: none"> • Provide nursing care to adult patients with medical disorders • Counsel and educate patients and families 	<ul style="list-style-type: none"> • Assessment of the patient <ul style="list-style-type: none"> ❑ Taking history ❑ Perform general and specific physical examination <ul style="list-style-type: none"> - Respiratory - GI - Endocrine - Renal - Hematology ❑ Identify alterations and deviations. • Practice medical surgical asepsis Standard safety measures. • Administer medications <ul style="list-style-type: none"> ❑ Oral, IV, IM, ID, Subcutaneous, Airlock and Z-Track method • Blood and Component Therapy <ul style="list-style-type: none"> • IV therapy <ul style="list-style-type: none"> ❑ IV canulation ❑ Maintenance and monitoring ❑ IV additives ❑ IV Bottle change • Oxygen therapy by different methods <ul style="list-style-type: none"> ❑ Ambu bag ❑ Venturi mask • Nebulization • Chest physiotherapy • Postural drainage Naso gastric feeding 	<ul style="list-style-type: none"> • Plan and give care to 3-4 assigned patients • Nursing care plan- 02 • Nursing case presentation-1 • Drug presentation-1 • Maintain drug book • Maintain Practical record book 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of case study/ presentation • Completion of practical record.

Areas	Duration (in wk)	Objectives	Skills	Assignments	Assessment Methods
			<ul style="list-style-type: none"> ●Gastric lavage ●Perform/Assist in therapeutic procedures <ul style="list-style-type: none"> ❑ Thoracentesis ❑ Abdominal Paracentesis ❑ Barium meal ❑ USG ❑ Endoscopy <ul style="list-style-type: none"> - ERCP - OGD scopy - Colonoscopy - Proctoscopy - Sigmoidoscopy ● Blood and component Transfusion <ul style="list-style-type: none"> ❑ Plasma ❑ RBC ❑ Whole blood ❑ Platelet ❑ Cryoprecipitate ● Throat suctioning ● Collect specimens for common investigations <ul style="list-style-type: none"> ❑ Blood ❑ Urine ❑ Stool ❑ Sputum ● Maintain elimination <ul style="list-style-type: none"> ❑ Catheterization ❑ Catheter care ❑ Bowel wash ❑ Enema ❑ Urinary drainage ❑ Bladder wash ● Maintain Intake, output and documentation ● Counsel and teach related to specific disease conditions. 		

Areas	Duration (in wk)	Objectives	Skills	Assignments	Assessment Methods
General Surgical Ward (GI, urinary, CVTS)	06	<ul style="list-style-type: none"> • Provide pre and post operative nursing care to adult patients with surgical disorders • Counsel and educate patients and families 	Similar to skills of General medical Ward + <ul style="list-style-type: none"> • Pre operative preparation of patients. □ Preparation of skin □ Informed Consent □ Assist in various investigations in various surgeries • Post operative care Receiving patient, assessment, monitoring, care • Care of wounds and drainage □ Romovac drain • Suture removal • Ambulation and exercise • Naso gastric aspiration • Care of chest drainage • Ostomy care □ Gastrostomy □ Colostomy □ Enterostomy • Rehabilitation 	<ul style="list-style-type: none"> • Plan and give care to 3-4 assigned patients • Nursing care plan – 02 • Nursing case study - 01 • Maintain drug book • Maintain practical record book 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of case study/ presentation • Completion of practical record. • Evaluation of care & case plan
Cardiology ward / CCU / ICU	02	<ul style="list-style-type: none"> • Provide nursing care to patients with cardiac disorders • Counsel and educate patients and families 	<ul style="list-style-type: none"> • Physical examination of the cardio vascular system • Recording and interpreting ECG • Monitoring of patients Preparation and assisting in non-invasive and invasive diagnostic procedures.	<ul style="list-style-type: none"> • Plan and give care to 3-4 assigned patients • Nursing care plan - 01 • Nursing case presentation- 01 • Maintain drug book Maintain practical record book	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of case study • Evaluation of Nursing care plan

Areas	Duration (in wk)	Objectives	Skills	Assignments	Assessment Methods
			<ul style="list-style-type: none"> ❑ 2D Echo ❑ Colour Doppler ❑ Holter ❑ 12 Lead ECG ❑ Stress test • Care of patients undergoing Angiography • Administer cardiac drugs • Cardio pulmonary Resuscitation • Pre operative and post operative care of patients undergoing cardiac surgeries. 		<ul style="list-style-type: none"> • Compilation of activity record
Operation Theatre	06	<ul style="list-style-type: none"> • Identify instruments used in common operations • Participate in Infection control practices in the Operation Theatre • Set up the table / trolleys for common operative procedures • Assist in giving anesthesia • Assist in the operative procedures 	<ul style="list-style-type: none"> • Scrubbing, gowning, gloving • Identify instruments, suturing materials for common operations. • Disinfection, carbolization, fumigation • Preparation of instrument sets for common operations • Sterilization of sharps and other instruments • Prepare the OT table depending upon the operation • Positioning and monitoring of patients 	<ul style="list-style-type: none"> • Assist as a circulatory nurse in <ul style="list-style-type: none"> - Major cases- 05 - Minor cases-5 • Assist as a scrub nurse in <ul style="list-style-type: none"> - Major cases- 05 - Minor cases-5 • Maintain drug book 	<ul style="list-style-type: none"> • Assess performance with rating scale • Completion of practical record

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
		<ul style="list-style-type: none"> • Provide pre-operative nursing care 	<ul style="list-style-type: none"> • Endotracheal intubation • Assisting in minor and major operations. • Handling specimens • Disposal of waste as per the guidelines. • Care of instruments after surgery • Packing of trays 		
Orthopedic Ward	02	<ul style="list-style-type: none"> • Provide nursing care to adult patients with orthopedic problem • Counsel and educate patient and families 	<ul style="list-style-type: none"> • Assessment of the orthopedic patient <ul style="list-style-type: none"> □ Taking history □ Physical examination of musculo skeletal system. □ Apply skin traction-buck's extension traction , splints & patient care • Practice medical surgical asepsis Standard safety measures • Pre and post operative care of patients with orthopedic surgery. • Preparing, assisting and witnessing in non invasive and invasive diagnostic procedure Physiotherapy-Range of Motion exercises (ROM), muscle strengthening exercises • Crutch maneuvering technique Activity of daily living Ambulation Teach & counsel patient & family • Assist in application & removal of prosthesis • POP application and removal • Rehabilitation. 	<ul style="list-style-type: none"> • Nursing care plan – 01 • Nursing case study 01 • Nursing case presentation 01 • Maintain drug book • Maintain practical record book 	<ul style="list-style-type: none"> • Assess performance with rating scale • Evaluation of Nursing care plan & Nursing case study/ presentation Maintain practical record book

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
Skin & Communicable diseases Ward	02	<ul style="list-style-type: none"> Identify skin problems Provide nursing care to patients with Skin disorders and Communicable diseases Counsel and educate patients and families 	<ul style="list-style-type: none"> Assessment of patients with skin disorders Assist in diagnostic and therapeutic procedures Administer topical medication Practice medical surgical asepsis Standard safety measures Use of personal protective equipment (PPE) Give Medicated baths Teach prevention of infectious diseases. Counseling HIV Positive patient 	<ul style="list-style-type: none"> Plan and give care to 3 assigned patients Health talk to patients and families-01 Maintain drug book Maintain practical record book 	<ul style="list-style-type: none"> Assess performance with rating scale Evaluation health talk Completion of practical record

EDUCATIONAL VISITS:

Medical Surgical Nursing:

1. Artificial Kidney Unit
2. C.S.S.D.
3. Waste Disposal Unit
4. Hospital Kitchen
5. Blood Bank
6. Radiology Department
7. Artificial Limb Center
8. Rehabilitation Center
 - Physical
 - Vocational

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EVALUATION SCHEME:

Internal assessment

Theory:	25 Marks
Mid-term Examination	50
Pre-final	75
Total:	125
(125 Marks to be converted in to 25 Marks for Internal Assessment (Theory))	

Practical:	100 Marks
a) Nursing Care Plan – 03 X 25 Marks (Medical ward – 01, Surgical ward – 01, Ortho / any other – 01)	75 Marks
b) Case Presentation – 01	50 Marks
c) Case study – 02 X 50 Marks (Medical Ward – 01, Surgical Ward – 01)	100 Marks
d) Health Education – 01	25 Marks
e) Therapeutic Diet – 01	25 Marks
f) Clinical Evaluation – 03 X 100 Marks (Medical Ward – 01, Surgical Ward – 01, Operation Theatre – 01)	300 Marks
g) Practical Examinations	150 Marks
Mid-term Examination – 50 Marks	
Pre-final Examination – 100 Marks	
Total	725
(725 Marks to be converted in to 100 Marks for Internal Assessment (Practical))	

External Assessment

University Examination	
Theory:	75 Marks
Practical:	100 Marks

a) Guideline for Nursing Care Plan: (3 X 25 Marks)

FORMAT FOR NURSING CARE PLAN

(Medical / Surgical / Ortho or)

Marks 25

- 1. Patients Biodata:** Name, address, age, sex, religion, marital status, occupation, source of health care, date of admission, provisional diagnosis, date of surgery if any
- 2. Presenting complaints:** Describe the complaints with which the patient has come to hospital
- 3. History of illness**
History of present illness – onset, symptoms, duration, precipitating/ alleviating factors
History of past illness- illnesses, surgeries, allergies, immunizations, medications
Family history – family tree, history of illness in family members, risk factors, Congenital Problems, Psychological Problems.
- 4. Economic status:** Monthly income & expenditure on health, marital assets (own patta house car, two wheeler, phone, TV etc. ..)
- 5. Psychological status:** ethnic background, (geographical information, cultural information) support system available.
- 6. Personal habits:** consumption of alcohol, smoking, tobacco chewing, sleep, exercise, work elimination, nutrition.
- 7. History to Physical examination with date and time**
- 8. Disease condition: - Definition, Anatomy Physiology, incidence, Etiology & risk factor, Pathophysiology, clinical manifestation**
- 9. Investigation**

Date	Investigation done	Normal value	Patient value	Inference

10. Medical Surgical management complications & prognosis

11. Drug Study

Sr No	Drug: trade name	Pharmacological name	Route	Dose & frequency	Action	Side effect & Drug interaction	Nursing responsibility

12. Guide line for writing Nursing care plan (including health education)

Marks – 20

Date	Assessment	Nursing diagnosis	Objective	Plan of care Implementation	Rationale	Evaluation	Remark
	Subjective & Objective Data						
Marks --	4	3	2	7	2	2	

13. Guide line for writing Nurses Note

Date	Diet	Medication	Observation & Nursing Intervention	Remark

Note: Same format to be used for 1) Medical, 2) Surgical & 3) Ortho or any other, having 25 Marks each)

Evaluation Criteria for Nursing Care Plan

Sr No	Content	Marks
1	History to Physical examination with date time	05
2	Disease condition: (Definition Anatomy Physiology, incidence, Etiology & risk factor, Pathophysiology, clinical manifestation	08
3	Investigations	02
4	Medical Surgical management complications & prognosis	06
5	Drug study	04
6	Nursing care plan	20
7	Nurses note	05
Total		50

b) FORMAT FOR CASE PRESENTATION**Marks – 50**

1. **Patients Biodata:** Name, Address, Age, sex, religion, marital status, occupation, source of health care, date of admission, provisional diagnosis, date of surgery if any
2. **Presenting complaints:** describe the complaint with which the patient has come to hospital
3. **History of illness:**
History of present illness- onset, symptoms, duration, precipitating / alleviating factors
History of past illness- illnesses, surgeries, allergies, immunizations, medications
congenital problems, psychological problems.
4. **Economic status:** Monthly income & expenditure on health, marital assets (own pacca house, car, two wheeler, phone, TV etc...)
5. **Psychological status:** ethnic background, (geographical information, cultural information) support system available.
6. **Habits:** Consumption of alcohol, smoking, tobacco chewing, sleep, exercise, work elimination, nutrition.
7. **Physical examination with date and time**
8. **Investigation**

Date	Investigation done	Normal value	Patient value	Inference

9. Treatment

Sr no	Drug : trade name	Pharmacological name	Route	Dose & frequency	Action	Side effect & Drug interaction	Nursing responsibility

10. Description of disease**11. Definition, related anatomy physiology, etiology, risk factors, clinical features, management and nursing care****12. Clinical features of the disease condition**

Clinical features present in the book	Description of clinical features of patient	Pathophysiology

13. Nursing care plan**Marks-15****Patient name:****Date:****Ward:**

Date	Assessment Subjective Objective	Nursing diagnosis	Objective	Plan of care for Implementation	Rationale	Evaluation
	3	2	2	4	2	2

14. Discharge planning: It should include health education and discharge planning given to patient.**Marks-15****15. Evaluation of care: Overall evaluation, problem faced while providing care prognosis of the patient and conclusion.**

Evaluation criteria for case presentation

Sr No	Content	Marks
1	Assessment / Introduction	05
2	Knowledge and understanding of disease	10
3	Nursing care plan	15
4	Presentation skill	10
5	A.V. aids	04
6	Time	02
7	Summary & conclusion	02
8	Bibliography	02
Total		50

c) Guide line for Nursing Case Study (2 X 50 Marks)

FORMAT FOR NURSING CASE STUDY (Medical Ward / Surgical Ward)

Marks- 50

- 1. Patients Biodata:** Name, address, age, sex, religion, marital status, occupation , source of health care, date of admission provisional diagnosis, date of surgery if any
- 2 Presenting complaints:** Describe the complaints with which the patient has come to hospital
- 3 History of illness:**
History of present illness – onset, symptoms, duration, precipitating / alleviating factors
History of past illness- illnesses, surgeries, allergies, immunizations, medications
Family history – family tree, history if illness in family members, risk factors, Congenital problems, psychological Problems.
- 4 Economic status:** Monthly income & expenditure on health, marital assets (own pacca house car, two wheeler, phone, TV etc. ..)
- 5 Psychological status:** ethnic background, (geographical information, cultural information) support system available.
- 6 Habits:** consumption of alcohol, smoking, tobacco chewing, sleep, exercise, work elimination, nutrition.
- 7 History to Physical examination with date and time**
- 8 Disease condition: - Definition, Anatomy Physiology, incidence, Etiology & risk factor, Pathophysiology, clinical manifestation**
- 9 Investigation**

Date	Investigation done	Normal value	Patient value	Inference

10 Medical Surgical management complications & prognosis

11 Drug Study

Sr no	Drug : trade name	Pharmacological name	Route	Dose & frequency	Action	Side effect & Drug interaction	Nursing responsibility

12. Nursing care plan

Patients Name:

Date:

Ward:

Date	Assessment Subjective Objective	Nursing diagnosis	Objective	Plan of care Implementation	Rationale	Evaluation
	3	2	2	4	2	2

12 Nurse's Notes:

13 Self Evaluation:

14 Bibliography:

Note: Same format to be used for Medical Ward / Surgical Ward having 50 Marks each.

Evaluation Criteria for Nursing Case Study

Sr. No.	Content	Marks
1	Patient history, Physical examination	5
2	Anatomy, Physical, Pathophysiology & Clinical manifestations	8
3	Investigations	2
4	Medical surgical management, complication & prognosis	8
5	Drugs study	4
6	Nursing care plan	15
7	Nursing note	4
8	Self evaluation / conclusion	2
9	Bibliography	2
Total		50

d) Evaluation format for Health Education

1. Name of the student teacher:
2. Name of the supervisor:
3. Venue:
4. Date:
5. Time:
6. Group:
7. Previous knowledge of the group
8. AV aids used
9. General objectives
10. Specific objectives

Lesson plan for health talk

Sr. No.	Time	Specific Objectives	Content	Teaching Learning Activities	A V Aids	Evaluation

(Maximum Marks: 25)

Sr. No.	Criteria	Marks Allotted	Marks Obtained
1	Lesson Plan	08	
2	Presentation	05	
3	Communication skill	05	
4	Preparation and effective use of A V. Aids	04	
5	Group participation	03	
Total		25	

Remarks

**Evaluation discussed
& Students Signature
Date :**

**Sing. Of Supervisor
Date :**

e) Guideline for Therapeutic Diet

Introduction: Name of the patient, age, sex, religion of the patient, education, language, socioeconomic status, regular meal pattern, food like and dislikes, disease condition of the patient, reason for prescribed diet

Menu planning: Recommended diet plan with details of CHO, protein, fat and calories with nutrients and restrictions with due consideration to commonly available seasonal foods

Patient's education: Ability of student to explain to the patient the need for adherence to recommended diet.

Evaluation: Ensuring whether patient follows the prescribed diet.

References:

Evaluation criteria for Therapeutic Diet

Sr No	Content	Marks
1	Introduction	05
2	Menu planning	10
3	Patient education	05
4	Evaluation	02
5	References	03
Total		25

**f) GUIDE LINE FOR CLINICAL ASSESSMENT OF STUDENT
CLINICAL EVALUATION (3 X 100 MARKS)**

f - i & ii) Format for Clinical Assessment

(MEDICAL WARD / SURGICAL WARD)

Student's Name :-

Hospital :-

Year :-

Unit / Ward :-

Students Number :-

From to

Max 100 Marks

Sr. No.	PERFORMANCE CRITERIA	(5) Excellent	(4) very Good	(3) Good	(2) Satisfactory	(1) Poor	Remarks
	<i>Nursing Process (75)</i>						
I	Assessment and Nursing Diagnosis (15)						
1.1	Collects data accurately						
1.2	Identifies & Categorizes basic Needs of Patients						
1.3	Formulates Nursing Diagnosis						
II	Planning (15)						
2.1	Prioritizes patients needs						
2.2	Plans nursing action for each of need						
2.3	States rationale for nursing action						
III	Implementation (20)						
3.1	Implements nursing care Accurately and safely with in given time						
3.2	Applies scientific Principles						
3.3	Maintains safe and comfortable environment						
3.4	Gives health teaching as per plan to the patients / family						
IV	Evaluation (10)						
4.1	Evaluate patient's response to nursing care						
4.2	Reexamines & Modifies care plan						
V	Documentation (15)						
5.1	Records patient information accurately						
5.2	Report patient information accurately						
5.3	Maintains self up to date						

Sr. No.	PERFORMANCE CRITERIA	(5) Excellent	(4) very Good	(3) Good	(2) Satisfactory	(1) Poor	Remarks
	<i>Professional Conduct – (25)</i>						
VI	Uniform and Punctuality						
6.1	Always well groomed, neat & conscious about professional appearance						
6.2	Is always punctual in Clinical & completing assignments						
6.3	Readily accepts responsibility for own behavior & has initiative						
VII	Communication skills						
7.1	Establishes & Maintains effective working / communication relationship with patients and family						
7.2	Establishes good inter personal relationship with members of health team / supervisors / Teachers						
Total Marks							

Comment / Remarks by Teacher / Supervisor:

Total Marks 100

Total Marks Obtained

Signature of Teacher

Date:

Evaluation is seen and discuss by the student

Signature of student

Date of Sign

Note: Same format to be used for 1) Medical Ward & 2) Surgical Ward having 100 Marks each.

f - iii) Format for OPERATION THEATRE experience EVALUATION

Maximum Marks 100

Name of the student:

Year:

Duration of posting:

Area of posting:

Grades: -[5-Excellent, 4-V. Good, 3-Good, 2-Fair, 1-Poor]

Sr. No	Content	5	4	3	2	1
I	Personal & professional behavior:					
1	Wears theatre dress correctly					
2	Arrives and leaves punctually					
3	Notably poised & effective even in stressful situation					
4	Works with interest & willingness					
5	Shows respect to co-workers, works well as a team member.					
II	Knowledge of:					
6	Anatomy & surgical procedure					
7	Equipment & articles					
8	Anaesthesia, Microbiology, Legal responsibilities					
III	Skills					
9	Collects & receives all preoperative information about patients.					
10	Follows principles of scrubbing, gowning & gloving					
11	Arranges trolley according to procedure					
12	Assists efficiently knowing the steps					
13	Works efficiently as a circulating nurse					
14	Assists the anesthetist for induction, intubation & extubation					
15	Follows strict infection control measures					
16	Maintains therapeutic operation theatre environment					
17	Checks adequacy of equipment & supplies					
18	Records & reports immediately					
19	Provides appropriate postoperative care					
20	Follows cleaning, packing & sterilization of equipment					

Signature of Class Coordinator

Date:

Signature of Students

Date:

Signature of Supervisor

Date:

f – iii - 1) Guide line for Operation Theatre Report Writing

- i Introduction**
- ii Objective**
- iii Physical layout of OT**
- iv Role and functions of Nurse in OT**
 - Head Nurse**
 - Scrub Nurse**
 - Circulating Nurse**
- v Preparations for Surgery**
 - Sterilization of articles**
 - Preparation and packing**
 - Instruments, Sutures and needless**
 - Anesthetic trolley**
 - Anesthetic drugs**
 - Operating tables and necessary equipment**
- vi Assisting in surgery**
 - Scrubbing, Gowning and gloving**
 - Position and draping of patient**
 - Trolley setting for various operations/ conditions**
- vii Care of Patient in OT**
 - Pre operative**
 - Intra operative**
 - Post operative**
 - Transportation of patient in and out of OT**
- viii Hazards of OT**
 - Accidents**
- ix Cleaning of OT**
 - Carbolization**
 - Fumigation**
- x Problems faced and suggestions**
- xi References**

[Note: Assignments are requirement of operation theatre posting, however they are not for evaluation.]

f – iii – 2) Guide line for WITNESSED CASES Operation Theater

I. Demographic Profiles

Name of Patient:

WD/ Bed No.

Age/ Sex:

Diagnosis:

Proposed Surgery:

Actual surgery:

Date of witnessed:

II. Type of Anesthesia

A) Drug used in anesthesia

Name of Drug	Dose Given	Dose Available	Route	Action

B) Intubation:

Type of ETT -	Size

C) Boyles apparatus

Ventilators	Circuit	Connection	Mechanism	Electric Gadget

D) Extubation: (Steps)

E) Type of I/V Fluids and suture Material available in that area:

I/ V Fluids	Suture Material

Signature of Supervisor

Signature Student

Date :

Date :

[Note: Assignments are requirement of operation theatre posting, however they are not for evaluation.]

f - iii - 3) Guideline for ASSISTED CASES in Operation Theatre

I) DEMOGRAPHIC PROFILE:

Name of Patient:

WC/ Bed No.

Age/ Sex:

Diagnosis:

Proposed Surgery:

Actual Surgery:

Date of case assisted:

II) TYPE OF ANAESTHESIA:

Drug used in anesthesia:

Name of the drug	Dose given	Dose available	Route	Action

III) TROLLEY PREPARATION:

Dressing & draping	Instruments	Suture

IV) STEPS IN SURGERY:

- 1. Position**
- 2. Painting**
- 3. Draping**
- 4. Incision**
- 5. Method of Homeostasis**
- 6. Dissection**
- 7. Retraction**
- 8. Anastomosis**
- 9. Drainage**
- 10. Haemostatic**
- 11. Closure**
- 12. Dressing**
- 13. Adhesive**

Signature of Supervisor

Signature Student

Date:

Date:

[Note: Assignments are requirement of operation theatre posting, however they are not for evaluation.]

External Practical Evaluation Guidelines
II Basic B.Sc Nursing
Subject:-Medical Surgical Nursing I

100 Marks

Internal Examiner
Nursing Procedure (30 marks)

50 Marks

Planning and Organizing

10 marks

- Preparation of tray
- Environment
- Preparation of patient

6

2

2

Execution of Procedure

14 marks

- Applies scientific principles
- Proficiency in skill
- Ensures sequential order

6

6

2

Termination of procedure

6marks

- Makes patient comfortable
- Reports & Records
- After care of articles

2

2

2

Viva (20 Marks)

20 marks

- Knowledge about Medical surgical conditions
- Preparation of various investigation procedures
- Medical Surgical asepsis and Standard safety measures
- Instruments and articles

5

5

5

5

External Examiner

50 Marks

Nursing Process (30 Marks)

30 marks

- Assessment
- Nursing Diagnosis
- Goal
- Outcome criteria
- Nursing intervention
- Rationale
- Evaluation
- Nurses notes

6

4

2

2

6

4

2

4

Viva (20 Marks)

20 marks

- Operation Theatre Technique
- Emergency Management
- Drugs
- Therapeutic diet

5

5

5

5

Date :

PHARMACOLOGY

Placement: Second Year

Theory – 45 Hours
(Class 35 Hours + Lab 10 Hours)

Course Description: This course is designed to enable students to acquire understanding of pharmacodynamics, pharmacokinetics, principles of therapeutics and nursing implications.

Specific objectives: at the end of the course the students are able to:

1. Understand the basic concepts of pharmacology
2. Understand the pharmacology of common chemotherapeutics.
3. Understand common antiseptics, disinfectants and insecticides.
4. Understand drug acting on various systems of human body.
5. Appreciate alternative systems of medicines.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
I	2	Describe pharmacodynamics, pharmacokinetics, classification and the principles of drug administration	Introduction to Pharmacology <ul style="list-style-type: none">• Definitions• Sources• Terminology use• Types: Classification• Pharmacodynamics: Actions, therapeutic• Adverse, toxic• Pharmacokinetics: Absorption, distribution, metabolism, interaction, excretion• Review: Routes and principles of administration of drugs• Indian pharmacopoeia: Legal issues○ Storage of various drugs○ Calculation of drug dosage• Rational use of drugs• Principles of therapeutics	<ul style="list-style-type: none">• Lecture• Discussion	<ul style="list-style-type: none">• Short answers• Objective type

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
II	5	Explain chemotherapy of specific infections and infestations and nurse's responsibilities	Chemotherapy Pharmacology of commonly used: <ul style="list-style-type: none"> • Penicillin • Cephalosporins • Aminoglycosides • Macrolide & Broad Spectrum Antibiotics • Sulfonamides • Quinolones • Antiamoebic • Antimalarials • Anthelmintics • Antiscabies agents • Antiviral & Antifungal agents • Antitubercular drugs • Antileprosy drugs • Anticancer drugs • Immuno-suppressants Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity & role of nurse.	<ul style="list-style-type: none"> • Lecture • Discussion • Drug study/ Presentation O field visits/ educational trips to pharmaceutical farms / companies O Pharmacological management of clinical conditions. O Practical classes in the pharmacology department like administration of injections and medications	<ul style="list-style-type: none"> • Short answers • Objective type
III	2	Describe antiseptics, disinfectants, insecticides and nurse's responsibilities	Pharmacology of commonly used antiseptics, disinfectants and insecticides <ul style="list-style-type: none"> • Antiseptics: Composition, action, dosage, route, indications, contraindications, drug interactions, side-effects, adverse effects, toxicity, and role of nurse • Disinfectants • Insecticides 	<ul style="list-style-type: none"> • Lecture • Discussion • Drug study/ Presentation 	<ul style="list-style-type: none"> • Short answers • Objective type

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
IV	2	Describe drugs acting gastro-intestinal system and nurse's responsibilities	Drugs acting on G I System Pharmacology of commonly used <ul style="list-style-type: none"> • Antiemetics • Emetics • Purgatives • Antacids • Cholinergic • Anticholinergics • Fluid and Electrolyte therapy • Antidiarrhoeals • Histamines Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity & role of nurse.	<ul style="list-style-type: none"> • Lecture • Discussion • Drug study/ presentations 	<ul style="list-style-type: none"> • Short answers • Objective type
V	2	Describe drugs used on Respiratory systems and nurse's responsibilities	Drugs used on Respiratory System Pharmacology of commonly used <ul style="list-style-type: none"> • Antiasthmatics • Mucolytics • Decongestants • Expectorants • Antitussives • Bronchodilators • Broncho constrictors • Antihistamines Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity & role of nurse.	<ul style="list-style-type: none"> • Lecture • Discussion • Drug study/ presentations 	<ul style="list-style-type: none"> • Short answers • Objective type
VI	2	Describe drugs used on Urinary systems and nurse's responsibilities	Drugs used on Urinary System Pharmacology of commonly used <ul style="list-style-type: none"> • Diuretics and Antidiuretics • Urinary antiseptics • Cholinergics and anticholinergics • Acidifiers and alkalinizers Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity & role of nurse.	<ul style="list-style-type: none"> • Lecture • Discussion • Drug study/ presentations 	<ul style="list-style-type: none"> • Short answers • Objective type

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
VII	3	Describe drugs used in deaddiction, emergency, deficiency of vitamins & minerals, positioning, for immunization and immunosuppression and nurse's responsibilities	Miscellaneous <ul style="list-style-type: none"> • Drugs used in deaddiction • Drugs used in CPR & emergency • Vitamins and minerals • Immunosuppressants • Antidotes • Antivenom • Vaccines and Sera 	<ul style="list-style-type: none"> • Lecture • Discussion • Drug study/ presentations 	<ul style="list-style-type: none"> • Short answers • Objective type
VIII	1	Describe drugs used on skin and mucous membranes and nurse's responsibilities	Drugs used on skin and mucus membranes <ul style="list-style-type: none"> • Topical applications for skin, eye, ear, nose, and buccal cavity • Antipruritics <p>Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity & role of nurse.</p>	<ul style="list-style-type: none"> • Lecture • Discussion • Drug study/ presentations 	<ul style="list-style-type: none"> • Short answers • Objective type
IX	5	Describe drugs used on Nervous system and nurse's responsibilities	Drugs acting on Nervous System Basic & applied pharmacology of commonly used: <ul style="list-style-type: none"> • Analgesics & Anesthetics <ul style="list-style-type: none"> ➤ Analgesics <ul style="list-style-type: none"> - Nonsteroidal anti-inflammatory (NSAID) drugs ➤ Antipyretics ➤ Hypnotics and sedatives <ul style="list-style-type: none"> - Opioids - Non opioids - Tranquilizers - General & local anaesthetics - Gases – Oxygen, nitrous oxide, Carbon dioxide • Cholinergic & anticholinergics: <ul style="list-style-type: none"> Muscle relaxants Major tranquilizers Anti psychotics <ul style="list-style-type: none"> ➤ Antidepressants ➤ Anticonvulsants ➤ Adrenergics 	<ul style="list-style-type: none"> • Lecture • Discussion • Drug study/ presentations 	<ul style="list-style-type: none"> • Short answers • Objective type

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> ➤ Noradrenergics ➤ Mood stabilizers ➤ Acetylcholine ➤ Stimulants <p>Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity & role of nurse.</p>		
X	4	Describe drugs used on Cardiovascular system and nurse's responsibilities	<p>Cardiovascular Drugs</p> <ul style="list-style-type: none"> • Haematinics • Cardiotonics • Anti anginals • Antihypertensives & vasodilators • Anti-arrhythmics • Plasma expanders • Coagulants & anticoagulants • Antiplatelets & thrombolytics <ul style="list-style-type: none"> • Hypolipidemics <p>Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity & role of nurse.</p>	<ul style="list-style-type: none"> • Lecture • Discussion • Drug study/ presentations 	<ul style="list-style-type: none"> • Short answers • Objective type
XI	3	Describe drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy and nurse's responsibilities	<p>Drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy</p> <ul style="list-style-type: none"> • Insulin & Oral hypoglycemics • Thyroid supplements & suppressants • Steroids , Anabolics • Uterine stimulants & relaxants • Oral contraceptives • Other estrogen – progestrone preparations • Corticotrophine & Gonadotropines 	<ul style="list-style-type: none"> • Lecture • Discussion • Drug study/ presentations 	<ul style="list-style-type: none"> • Short answers • Objective type

Unit	Time (Hrs)	Learning Objectives	Contentss	Teaching Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> • Adrenaline • Prostaglandins • Calcitonins • Calcium salts • Calcium regulators Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity & role of nurse.		
XII	4	Demonstrate awareness of the common drugs used in alternative system of medicine	Introduction to drugs used in alternative system of medicine <ul style="list-style-type: none"> • Ayurveda, Homeopathy, Unani and Siddha etc 	<ul style="list-style-type: none"> • Lecture • Discussion • Observational visits 	<ul style="list-style-type: none"> • Short answers • Objective type

Lab: 10 Hrs

Administration of medications-oral

Administration of medications –Subcutaneous, intramuscular and intravenous injections

Visits to: -

Allopathy Pharmaceutical farm / company

Ayurveda Pharmaceutical farm / company

Homeopathy Pharmaceutical farm / company

Bibliography: (Pharmacology)

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PATHOLOGY AND GENETICS

Placement: Second Year

Theory – 45 Hours

Pathology - 30 Hrs (Class 23 + Lab 07 Hrs)

Genetics – 15 Hrs

A: PATHOLOGY

Course Description: This course is designed to enable students to acquire knowledge of pathology of various disease conditions and apply this knowledge in practice of nursing.

Specific objectives: At the end of the course students are able to:

1. Understand the basic concepts of pathology.
2. Understand the pathophysiological changes in different system disorders.
3. Assist for various pathological tests conducted in the clinical field.
4. Collect and send the pathological tests and infer their results with patient conditions.

Unit	Time (Hrs)		Objectives	Content	Teaching Learning activities	Assessment methods
	Th.	Pr.				
I	3		1. Define the common terms used in pathology 2. Appreciate the deviations from normal to abnormal structure and functions of the body system	General Pathology <ul style="list-style-type: none"> o Introduction to pathology o Review of cell and tissues <ul style="list-style-type: none"> • Definition of terms • Methods & techniques • Cellular & tissue changes • Infiltration and regeneration • Inflammations and infections • Wound healing and repair o Nature of injuries, adaptive responses, reversible & irreversible cell injury o Cell accumulations Vascular changes Cellular growth and neoplasms <ul style="list-style-type: none"> • Normal and cancer cell • Benign and malignant growths • In situ carcinoma Disturbances of fluid and electrolyte balance, role of nurse 	<ul style="list-style-type: none"> • Lecture • Discussion • Explain using charts 	<ul style="list-style-type: none"> • Short answers • Objective type
II	10	03	Explain pathological changes in disease conditions of various systems	Systemic Pathology <ul style="list-style-type: none"> • Pathological changes in disease conditions of various systems: • Respiratory tract <ul style="list-style-type: none"> ➤ Tuberculosis, Bronchitis, ➤ Pleural effusion & Pneumonia ➤ Lung abscess, emphysema, bronchiectasis ➤ Bronchial asthma, chronic obstructive pulmonary disease and tumours. 	<ul style="list-style-type: none"> • Lecture • Discussion • Explain using charts, slides, specimen, x-rays and scans • Visit to pathology lab, endoscopy unit and OT 	<ul style="list-style-type: none"> • Short answers • Objective type

Unit	Time (Hrs)		Objectives	Content	Teaching Learning activities	Assessment methods
	Th.	Pr.				
				<ul style="list-style-type: none"> Cardiovascular system <ul style="list-style-type: none"> ➤ Pericardial effusion ➤ Rheumatic heart disease ➤ Infective endocarditis, atherosclerosis ➤ Ischemia, infarction & aneurism 		
I	3			<ul style="list-style-type: none"> Gastrointestinal tract <ul style="list-style-type: none"> ➤ Peptic ulcer, Typhoid ➤ Carcinoma of GI tract – buccal, esophageal, gastric and intestinal Liver, Gall bladder & pancreas <ul style="list-style-type: none"> ➤ Hepatitis, chronic liver abscess, Cirrhosis ➤ Tumours of liver, gall bladder and pancreas ➤ Cholecystitis Kidneys & Urinary tract <ul style="list-style-type: none"> ➤ Glomerulonephritis, pyelonephritis ➤ Calculi, Renal failure, Renal carcinoma & Cystitis ➤ Diabetes Mellitus Male genital system <ul style="list-style-type: none"> ➤ Cryptorchidism, testicular atrophy ➤ Prostatic hyperplasia, Carcinoma penis & prostate Female genital system <ul style="list-style-type: none"> ➤ Fibroids ➤ Carcinoma cervix & endometrium ➤ Vesicular mole, choriocarcinoma ➤ Ectopic gestation ➤ Ovarian cyst & tumours Cancer breast Central Nervous System <ul style="list-style-type: none"> ➤ Vascular disorders – thrombosis, embolism ➤ Stroke, paraplegia, quadriplegia ➤ Tumours, meningiomas- gliomas Metastatic tumour Skeletal system <ul style="list-style-type: none"> ➤ Bone healing, osteoporosis, osteomyelitis Arthritis and tumours 	<ul style="list-style-type: none"> Lecture Discussion Explain using charts 	<ul style="list-style-type: none"> Short answers Objective type

Unit	Time (Hrs)		Objectives	Content	Teaching Learning activities	Assessment methods
	Th.	Pr.				
III	4	2	Describe various laboratory test in assessment and monitoring of disease conditions	Haematology & Pathology <ul style="list-style-type: none"> • Various blood and bone marrow tests in assessment and monitoring of disease conditions <ul style="list-style-type: none"> ➤ Hemoglobin ➤ RBC, white cells & platelet counts ➤ Bleeding time, clotting time and prothrombin time ➤ Blood grouping and cross matching ➤ Blood chemistry ➤ Blood culture ➤ Serological and immunological tests ➤ Other blood tests ➤ Examination of bone marrow ➤ Methods of collection of blood specimen for various clinical pathology, biochemistry, microbiological tests, inference and normal values o Nurse's role in collection and dispatch of various samples for laboratory tests. o Universal safety precautions 	<ul style="list-style-type: none"> • Lecture • Discussion 	<ul style="list-style-type: none"> • Short answers • Objective type
IV	2	1	Describe the laboratory tests for examination of body cavity fluids, transudates and exudates	Examination of body cavity fluids, transudates and exudates <ul style="list-style-type: none"> • The laboratory tests used in CSF analysis • Examination of other body cavity fluids, transudates and exudates- sputum, wound discharge etc. • Analysis of gastric and duodenal contents • Analysis of semen- sperm count, motility and morphology and their importance in infertility • Methods of collection of CSF and other cavity fluids specimen for various clinical pathology, biochemistry, microbiology tests, inference and normal values. • Nurse's role in assisting and preparing the patient for these diagnostic tests 	Lecture <ul style="list-style-type: none"> • Discussion • Demonstration 	<ul style="list-style-type: none"> • short answers • Objective type

Unit	Time (Hrs)		Objectives	Content	Teaching Learning activities	Assessment methods
	Th.	Pr.				
				• O		
V	1	1	Describe the laboratory tests for examination of Urine and Faeces	Urine & Faeces <ul style="list-style-type: none"> • Urine <ul style="list-style-type: none"> ➤ Physical characteristics ➤ Analysis ➤ Culture and sensitivity • Characteristics <ul style="list-style-type: none"> ➤ Characteristics ➤ Stool examination: occult blood, ova, parasite and cyst, reducing substance etc. • Methods of collection for various tests, inference and normal values 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration 	<ul style="list-style-type: none"> • Short answers • Objective type

Lab – 07 Hrs

Museum specimens of,

- Respiratory disorders
- Tuberculosis
- Cardiovascular disorders-IE, RHD, Hypertension, MI
- Ulcers of GIT
- Hepatobiliary disorders
- Renal diseases
- Female genital tract

Visits to:-

- Pathology lab
- Endoscopy unit
- Operation Theatre
- Routine examination of urine
- Hb estimation
- Cell counts

Bibliography - Pathology

1. Harsh Mohan : Text book of Pathology, IV Edition Jaypee Brothers, New Delhi 2000.
2. Heller : Pathology: Comprehensive Review 1999 Edition.
3. Emanuel Rubin M D, John L Farber : Pathology , III Edition , Lippincott, Philadelphia 1999.
4. Carol Mattson Porth : Pathophysiology ,VII Edition Lippincott Philadelphia 2002.
5. Ramzi S Cotran et al : Robins Pathologic basis of disease, VI Edition, W B Saunders coy USA 1999.
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8. Vinay Kumar M D et al : Basic Pathology , VI Edition W B Saunders coy USA 1997.
9. Walter F Coulson : Surgical Pathology , II Edition J B Lippincott coy Philadelphia, 1988.
10. Parakrama Chandrasoma : Concise pathology, III Edition, Hall International, USA,1998.
11. Lynne's Gracia, M S & David A Brucker : Diagnostic medical parasitology , III Edition ASM press, Washington'2005.
12. Haber et al : Differential diagnosis in pathology , W B Saunders coy, Philadelphia, 2002.

B – GENETICS

Placement: Second Year

Theory – 15 Hours

Course Description: This course is designed to enable students to acquire understanding of Genetics, its role in causation and management of defects and diseases.

Specific objectives: At the end of the course students are able to:

1. Understand the basic concepts of genetics
2. Understand maternal, prenatal and genetic influences on development of defects and diseases
3. Understand the significance of genetic testing.
4. Understand genetic disorders in various age groups.
5. Appreciate services related to genetics

Unit	Time (hrs)	Objectives	Content	Teaching Learning activities	Assessment methods
I	3	1.Explain nature, principles and perspectives of heredity	Introduction <ul style="list-style-type: none"> • Practical application of genetics in Nursing • Impact of genetic condition on families • Review of cellular division mitosis and meiosis • Characteristics and structure of genes • Chromosomes – sex determination • Chromosomal aberrations pattern of inheritance <ul style="list-style-type: none"> ➤ Mendelian theory of inheritance ➤ Multiple alleles and blood groups ➤ Sex linked inheritance ➤ Mechanism of inheritance ➤ Errors in transmission (Mutation) 	<ul style="list-style-type: none"> • Lecture • Discussion • Explain using charts, slides 	<ul style="list-style-type: none"> • Short answers • Objective type
II	3	Explain maternal, prenatal and genetic influences on development of defects and diseases	Maternal, prenatal and genetic influences on development of defects and diseases <ul style="list-style-type: none"> ➤ Conditions affecting the mother: genetic and infections ➤ Consanguinity atopy ➤ Prenatal nutrition and food allergies ➤ Maternal age ➤ Maternal drug therapy ➤ Prenatal testing and diagnosis ➤ Effect of radiation, drugs and chemicals ➤ Infertility ➤ Spontaneous abortion ➤ Neural tube defects and the role of folic acid in lowering the risks ➤ Down syndrome (Trisomy 21) 	<ul style="list-style-type: none"> • Lecture • Discussion • Explain using charts, slides 	<ul style="list-style-type: none"> • Short answers • Objective type

Unit	Time (hrs)	Objectives	Content	Teaching Learning activities	Assessment methods
III	2	1.Explain the screening methods for genetic defects and diseases in neonates and children	Genetic tests in neonates and children <ul style="list-style-type: none"> Screening for <ul style="list-style-type: none"> Karyotype analysis Congenital abnormalities Developmental delay Dysmorphism 	<ul style="list-style-type: none"> Lecture Discussion Explain using charts, slides 	<ul style="list-style-type: none"> Short answers Objective type
IV	2	Identify genetic disorders in adolescents and adults	Genetic conditions of adolescents and adults <ul style="list-style-type: none"> Cancer genetics – Familial cancer Inborn errors of metabolism Blood group alleles and hematological disorders Genetic haemochromatosis Huntington's disease Mental illness 	<ul style="list-style-type: none"> Lecture Discussion Explain using charts, slides 	<ul style="list-style-type: none"> Short answers Objective type
V	5	Describe the role of nurse in genetic services and counselling	Services related to Genetics <ul style="list-style-type: none"> Genetic testing Human genome project Gene therapy The Eugenics movement Genetic counseling Legal and ethical issues Role of nurse 	<ul style="list-style-type: none"> Lecture Discussion Explain using charts, slides 	<ul style="list-style-type: none"> Short answers Objective type

Bibliography –(Genetics)

1. S Mandal: Fundamentals of Human Genetics II Edition New Central Book Agency, Kolkota 1996
2. S D Gangane : Human Genetics II Edition, Saurabh Printers, Noida.
3. Jorde Carey BamshadWhite : Medical Genetics, Mosby 2003.
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EVALUATION SCHEME

Internal Assessment:

Maximum Marks 25

Theory:

15 Marks

	Pharmacology	Pathology and genetics	Total Marks	Average Out of
Mid-term	30	20	50	-
Pre-final	40	35	75	-
Total			125	15

(125 Marks to be converted in to 15 Marks for Internal Assessment (Theory))

Assignments: Two

- a) Pharmacology – Drug Study / Drug Presentation 25 Marks
b) Pathology - Preparation of Patient for diagnostic Test 25 Marks
Total: 50 Marks

(50 Marks to be converted in to 10 Marks for Internal Assessment (Assignments))

External assessment:

University Examination (Theory)

75 Marks

Format for Assignment: -

i) Drug study

- Index of drug
- Introduction
- Classification of drugs
- Factors affecting action of drugs
- Name of the drug (Trade & Pharmaceutical name)
- Preparation, strength and dose
- Indications and contraindications
- Actions
- Adverse effects and drug interactions
- Nursing responsibility
- Conclusion
- References

Evaluation criteria

Planning and organization -----	05
Content -----	10
Nursing responsibility -----	05
Conclusion & References -----	05
Total	25

ii) Preparation of patients for diagnostic tests

- Type of investigation
- Indications
- Preparation of the patient
- Do's and Don'ts
- Documents to be carried along
- Complications
- Aftercare of the patient
- Conclusion
- Reference

Evaluation criteria

Criteria		Marks
Organization	10	
Content		10
Conclusion and references	05	
<hr/>		
Total	25	
<hr/>		

COMMUNITY HEALTH NURSING- I

Placement: Second year

Theory - 90 Hours

Practical - 135 Hours

Course Description: This Course is designed for Students to appreciate the principles of promotion and maintenance of health

Specific objectives: At Specific objectives: AT the end of the course students are able to

1. Understand the concepts of community health and community health nursing
2. Appreciate the various factors influencing health in the community
3. Appreciate the concept, scope, uses and methods of epidemiology
4. Understand the epidemiology and nursing management of common communicable diseases.
5. Appreciate the concept and scope of demography
6. Understand the impact of population explosion and population control

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning	Assessment Method
I	4	<ul style="list-style-type: none"> Describe Concept and dimensions of health 	Introduction <ul style="list-style-type: none"> Community health nursing Definition , concept and dimensions of health Determinants of health Promotion of health indicators of health Maintenance of health 	Method <ul style="list-style-type: none"> Lecture discussion 	<ul style="list-style-type: none"> Short answers
II	18	Describe determinants of health & Environment	Determinants of health <ul style="list-style-type: none"> Eugenics Physical : Air, light Environmental factors contributing Health Ventilation, water, Housing Sanitation; disposal of waste, disposal of dead bodies, Forestation, Noise, Climate, Bacterial & Viral: Agents, host carriers and immunity Arthropods and Rodents Communication; Infrastructure facilities and Linkage Insect, Rodent & Parasite Control Noise Control 		

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning	Assessment Method
			<ul style="list-style-type: none"> Disposal of refuse/Sewage Disposal of human excreta Disposal of the dead Involvement of governmental and non-governmental organizations in environmental health Act Regulation the environment :National Pollution Control board Public health Laws related to environment & health Food hygiene: Production, Preservation, Purchase, Preparation, consumption Acts Regulating Food Hygiene-Prevention of food adulteration acts, Drugs and cosmetic act Socio cultural aspects of nutrition in food hygiene <p>Socio-Cultural</p> <ul style="list-style-type: none"> Customs, taboos Marriage System Family Structure Status of special Group; Females ,Children Elderly, Challenged Groups and Sick persons Life Style Hygiene Physical Activity Recreation and Sleep Sexual life Spiritual life philosophy Self Reliance Dietary pattern Education Occupation Financial Management Income Budge Purchasing power Security 	<p>Lecture discussion</p> <p>Explain using Charts, Graphs, Models, films slides</p> <p>Visits to water supply, sewage disposal, milk plants, slaughter house etc.</p>	<p>Essay type</p> <p>Short answers</p> <p>Objective type</p>

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning	Assessment Method
III	10	<ul style="list-style-type: none"> Describe concept aims, scope, uses Methods and approach of epidemiology 	Epidemiology <ul style="list-style-type: none"> Definition ,concept ,Aims, scope uses and terminology used in epidemiology used in epidemiology Dynamics of Disease transmission epidemiological triad Morbidity and mortality: Measurements Levels of Prevention Methods of epidemiology of Descriptive Analytical : Epidemic investigation Experimental 	Lecturer discussion Explain using Charts, graphs, Models, films, slides	Essay type Short answers
IV	18	Describe Epidemiology and nursing management of common Communicable diseases	Epidemiology and nursing management of common Communicable Diseases Respiratory infections <ul style="list-style-type: none"> Small Pox Chicken Pox Measles Influenza Rubella ARIs & Pneumonia Mumps Diphtheria Whooping cough Meningococcal meningitis Tuberculosis SARS Intestinal Infections <ul style="list-style-type: none"> Poliomyelitis Viral Hepatitis Cholera Diarrhoeal diseases Typhoid Fever Food poisoning Amoebiasis Dracunculiasis Arthropod infections <ul style="list-style-type: none"> Dengue Malaria Filariasis Zoonoses 		

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning	Assessment Method
			Viral <ul style="list-style-type: none"> Rabies Yellow fever Japanese encephalitis Kyasnur Forest Diseases Bacterial <ul style="list-style-type: none"> Brucellosis Plague Human Salmonellosis Anthrax Leptospirosis Rickettsial diseases <ul style="list-style-type: none"> Rickettsial Zoonoses Scrub typhus Murine typhus Tick typhus Q fever Parasitic zoonoses <ul style="list-style-type: none"> Taeniasis Hydatid disease Leishmaniasis Surface infection <ul style="list-style-type: none"> Trachoma Tetanus Leprosy STD & RTI Yaws HIV Any other	Lecturer discussion Explain using Charts, Graphs Models, films, slides Seminar Supervised field Practice-health centers, clinics and homes Group projects/ Health education	Essay type Short answers Objective type
V	8	Describe Epidemiology and nursing management of common Non-Communicable diseases	Epidemiology and nursing management of Non-communicable diseases <ul style="list-style-type: none"> Malnutrition: under nutrition, over nutrition, nutritional deficiencies Anemia Hypertension Stroke Rheumatic Heart Diseases Coronary Heart Diseases Cancer Diabetes mellitus Blindness Accidents Mental illness Obesity Iodine Deficiency Fluorosis Epilepsy Asthma Arthritis	Lecture discussion Explain using Charts, graphs, Models, films, slides, Seminar Supervised field Practice-health centers, clinics and homes group projects / Health education	Essay type Short answers Objective type

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning	Assessment Method
VI	6	Describe the concepts And scope of demography Describe methods of data collection, analysis and interpretation of demographic data	Demography <ul style="list-style-type: none"> • Definition, concept and scope • Demography cycle • Methods of data collection, analysis and interpretation of demographic data • Demographic rates and ratios 		Essay type Short answers Objective type Assessment of survey report
VII	17	<ul style="list-style-type: none"> • Identify the impact of population explosion in India • Describe methods of population control 	Population and its control <ul style="list-style-type: none"> • Population explosion, its impact on social, economic development of individual, society and country • Population control: • Overall development: women empowerment, social, economic and educational development • Limiting family size: <ul style="list-style-type: none"> ➤ Promotion of small family norms ➤ Methods: spacing (natural, biological, chemical, mechanical, etc) ➤ Terminal: surgical methods ➤ Emergency contraception 	<ul style="list-style-type: none"> • Lecture discussion • Population survey • Counseling • Demonstration • Practice session • Supervised field practice 	<ul style="list-style-type: none"> • Lecture discussion • Population survey • Counseling • Demonstration • Practice session • Supervised field practice

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning	Assessment Method
VIII	9	<ul style="list-style-type: none"> • Describes concepts & scope of community health service • Understand the health assessment of individual & family while providing family oriented care • Understand the functions of urban & rural health centers including health Team Members • Understands ethics in community health nursing practice 	<ul style="list-style-type: none"> • Introduction to community Health nursing service • Concepts, Definition & scope of community health nursing services • Introduction to family oriented health care (assessment of individual & family) • Home visit : concepts, steps, principles , advantages • Functions of urban & rural health centre including health Team Member • Ethics in community health nursing practice • Consumers Protection Act 		

COMMUNITY HEALTH NURSING - I

PRACTICAL

Placement: Second year

135 Hours

Objective of Practical Experience: (CHN – Practical I)

At the end of the Practical Experience:

1. Student will develop skills in assessment of an individual and develop rapport with family and community at large.
2. Students will be able to find out health needs of the clients & family to provide family oriented health care in Urban and Rural Community.
3. Students will attend different health clinics to know various laboratory investigations (simple investigations enlisted in the curriculum)
4. To be able to conduct immunization clinics.
5. To practice health education at different settings in the Urban and Rural community.
6. To write family health care study based on nursing process approach.

Distribution of practical HRS:

I) Urban Public Health Experience: 70 Hrs.

- | | |
|---|--------|
| 1) Community Health NSG. Laboratory / Classroom Practice: | 15 Hrs |
| a) Demonstration of Home visiting | |
| b) Demonstration of Home Nursing procedures. | |
| c) Preparation of family folder | |
| 2) Family oriented care: | 35 Hrs |
| a) Assessment of individuals | |
| b) Home visiting writing family care study. | |
| c) Simple family / community health survey | |
| d) Reporting & Recording | |
| 3) Visits to community Health agency / NGOS: | 10 Hrs |
| 4) Health Education: | 10 Hrs |

II) Rural Public Health Experience: 65 Hrs (2 weeks)

- | | |
|---|--------|
| 1) Visit to primary health centre & Rural Hospital: | 25 Hrs |
| 2) Attending immunization & ANC Clinics: | 20 Hrs |
| 3) Home visits for assessment & planning home care: | 10 Hrs |
| 4) Health Education in clinics / school / Anganwadi etc.: | 10 Hrs |

Areas	Duration (in week)	Objective	Skills	Assignments	Assessment methods
Community health nursing	2 wks Urban & 2 wks rural	<ul style="list-style-type: none"> • Build & Maintain report • Identify demographic Characteristics, health determinants & community health resources • Diagnose health needs of individual & families • Provide primary care in health centre • Counsel & educate individual family & community 	<ul style="list-style-type: none"> • Use Techniques of interpersonal relationship • Identification of health determinants of community • History taking • Physical examination • Collect specimens-sputum malarial smear • Perform simple lab tests at centre-blood for Hemoglobin and sugar, urine for albumin and Sugar • Administer vaccines and medications to adults • Counsel and teach individual, family and community • Nutrition • Hygiene • Self health monitoring • Seeking health Services • Healthy life style • Family welfare methods • Health promotions 	<ul style="list-style-type: none"> • To work with 2 assigned families each in urban & rural • Family study-I • Observation report of community-1 • Health talks-2 (1 in urban and in rural) 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale • Assess each skill with checklist • Evaluation of family study observation report health talk • Completion of activity record.

BIBLIOGRAPHY:

1. K.Park, Textbook of Preventive & Social Medicine- current edition
2. K.Park, Essentials of Community Health Nursing
3. Rao kasturi, An Introduction to Community Health Nursing, I publications.
4. Freeman Ruth, Community Health Nursing Practice.
5. Stanthope Lancaster, Community Health Nursing Process & Practice, Popular publication.
6. Basavantappa B.T., Community Health Nursing
7. Sathe , Epidemiology & management of Health Care , Popular publication
8. Mahajan Gupta, Textbook of Preventive & Social Medicine, Jaypee Publications
9. Lancaster, Community Health Nursing Process and Practice for Promoting Health , Mosby Publications.

EVALUATION SCHEME:

Internal assessment: Maximum Marks 25

A) Theory: 15 Marks

- | | |
|--------------------------|----------|
| i) Mid-term Examination: | 50 Marks |
| ii) Pre-final: | 75 Marks |
| Total: 125 Marks | |

(125 Marks to be converted in to 15 Marks for I. A. (Theory))

B) Practicum: 10 Marks

- | | |
|---|-----------|
| i) Clinical Evaluation | |
| Community health Nursing Practice: | 100 Marks |
| ii) Family Care Study: | 50 Marks |
| iii) Health Teaching (2 X 25 Marks): | 50 Marks |
| iv) Community Visit Observation report: | 25 Marks |
| Total: 225 Marks | |

(225 Marks to be converted in to 10 Marks for I. A. (Practicum))

External assessment

University examination: Theory	75 Marks
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II YEAR BASIC B.Sc. NURSING

SUBJECT: - COMMUNITY HEALTH NURSING

CRITERIA FOR CLINICAL EXPERIENCE

1. CLINICAL EVALUATION PROFORMA

Name of Student:

Year:

Area of Community Health Nursing

Evaluator:

Period Under Evaluation From: to:

- Rating: 1 – In many respects fails to meet recruitment satisfactorily
 2 – Meets many requirements but deficient in important aspect
 3 – Average, clearly meets basic requirements satisfactorily.
 4 – Clearly exceeds basic requirements, respecting superior
 5 – Outstanding in all respects.

Instruction:

- 1) Application of theory to practice is considered through out the experiences.
- 2) Written explanation must be over extreme grades.

(Maximum Marks – 100)

SN	Areas		Rating				
			1	2	3	4	5
I	Knowledge and understanding about family						
	1.	Studies family health record and collects significant data					
	2.	Interprets significant data based on knowledge of community Health / Community Health Nursing.					
II	Home Visit						
	3.	Preplans are written based on the health needs of the family and identified goals					
	4.	Planning and organization of home visit					
	5.	Establishers report with the family and able to communicate effectively and tactfully with different individual / groups					
III	Health Assessment and Observation						
	6.	Does Physical health assessment					
	7.	Identifies deviation from normal and set priorities in home care activities					
	8.	Plans and implements home care based on preset goals and health needs					
	9.	Carry outs simple home procedures					

SN	Areas		Rating				
			1	2	3	4	5
IV	Nursing Activities carried out:						
	10.	Application of scientific principles					
	11.	Technical skills with necessary modification and completeness of the procedure					
	12.	Involvement and participating of the family members					
	13.	Interpretation, reporting, recording of results					
	14.	Takes, corrective action, follow standing orders & selects appropriate referral agencies.					
V	Health information health teaching						
	15.	Uses every opportunity for incidental / planned teaching for individual and group					
	16.	Uses appropriate teaching learning principles					
VI	Post Visit						
	17	Reports significant information					
	18	Completes records, promptly, precisely and accurately.					
VIII	Professional qualities						
	19	Professional appearance					
	20	Interest, initiative, resourcefulness, responsible, leadership and attitude, response to constructive criticism and suggestions.					
Total Marks :			Percentage :		Grade :		

Remarks / comments by the Supervisor:
(In terms of strengths and weaknesses)

Date of evaluation discussed

Signature of the student that
She/he has seen the evaluation

Signature of Supervisor

2. GUIDE LINE FOR FAMILY CARE STUDY:

- 1) Introduction & objectives
- 2) Assessment of data – subjective & objective
 - i) Data related to
 - Environment & Sanitation
 - Immunization status of <5 children
 - Family planning practices
 - Nutritional status
 - Chronic health problems in the family
 - ii) Assessment of family members and writing health summary specifically vulnerable groups and high risk individuals (including physical, mental and social health aspects.)
- 3) Health needs identification on priority basis considering family as unit of Service
- 4) Planning for Family Oriented Care (FOC)
 - i) Objective of FOC
 - ii) Short term Home nursing care plan
 - iii) Long term Home nursing care plan
- 5) Implementation of FOC, with scientific rationale; adaptation in home situation.
- 6) Technique & skill in home nursing procedures with rationale
- 7) Planning & implementing health teaching
 - i) Individual or group
 - ii) Use of simple AV aids
- 8) Specific dietary plan & nutrition rehabilitation
- 9) Drug study and home care if necessary
- 10) Evaluation of home nursing care
 - i) Review short & long term plan
 - ii) Re-planning and future plans
- 11) Use of table and groups where ever necessary.

EVALUATION CRITERIA FOR FAMILY HEALTH CARE STUDY

Name of the student:

Field placement:

Year:

Period:

(Maximum Marks: 50)

SN	Criteria	Marks Allotted	Marks Obtained	Total
1	Introduction & Objective	02		
2	Data Subjective	03		
3	Data objective	05		
4	Assessment of Family members (physical mental & social)	03		
5	Health needs identified	03		
6	Planning for family health nursing care (including short term & long term plan)	06		
7	Implementation of home nursing care plan with scientific rationale	06		
8	Health education planning & implementation	04		
9	Planning for diet	03		
10	Drugs study & home care	03		
11	Evaluation : - Out come of family health care - Self learning as a Nurse	02 02		
12	Future plan	03		
13	Conclusion & suggestion	02		
14	Use of table / graphs etc.	03		
	Total	50		

Remarks

Evaluation discussed Sing. Of Supervisor

Remarks

Evaluation discussed Sing. Of Student

3. PROFORMA & GUIDELINE FOR HEALTH TEACHING

Topic Selected :-

1. Name of the student teacher :
2. Name of the supervisor :
3. Venue :
4. Date :
5. Time :
6. Group :
7. Previous knowledge of the group:
8. AV aids used :
9. General objectives :
10. Specific objectives :

Lesson plan for health talk

SN	Time	Specific objectives	Content	Teaching Learning Activities	AV Aids	Evaluation

(Maximum Marks: 25)

SN	Criteria	Marks Allotted	Marks Obtained	Total
1	Lesson Plan.	08		
2	Presentation.	05		
3	Communication skill.	05		
4	Preparation & effective use of A V. Aids.	04		
5	Group participation.	03		
	Total	25		

Note: Two Teaching of 25 Marks each.

Remarks

Evaluation discussed
& Students Signature
Date:

Sing. Of Supervisor
Date:

COMMUNICATION & EDUCATION TECHNOLOGY

Placement: Second Year

Theory: 90 Hrs.
(Theory 60 Hrs + Lab 30 Hrs)

Course Description:

This course is designed to help the students acquire an understanding of the principles and methods of communication and teaching. It helps to develop skill in communicating effectively, maintaining effective interpersonal and human relations, develop basic skills in guidance and counseling, principles of education, teaching individuals and groups in clinical, community and health educational settings.

Specific objectives:

On completion of this course, the graduate nurse will be able to:

1. Understand the effective communication process using various communication techniques with individuals groups and health team members.
2. Establishes effective interpersonal and human relations with patients, families and health team members.
3. Acquires knowledge on concepts, principles on guidance and counseling and develop basic skills for counseling patients, nursing students and nursing personnel.
4. Understand the philosophy, principles of education and teaching learning process.
5. Demonstrate teaching skills using various teaching methods in classroom, clinical and community setup using different methods and media.
6. Demonstrate skill in preparing different types of assessment tools for knowledge attitude and skill.

Unit	Time (Hrs.)		Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
	Th.	Pr.				
I	05	01	<ul style="list-style-type: none">▪ Describe the communication process▪ Identify Techniques of effective communication	Review of communication process <ul style="list-style-type: none">▪ Process, elements and channels▪ Barriers and methods of overcoming▪ Techniques	<ul style="list-style-type: none">▪ Lecture/ Discussions▪ Role Plays▪ Exercise with audio-video tapes	<ul style="list-style-type: none">▪ Respond to critical incidents▪ Long/ Short answer▪ Objective type▪ Anecdotal records

Unit	Time (Hrs.)		Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
	Th.	Pr.				
II	05	--	Establish Effective Inter-personal relations with patients, families and co-workers	Interpersonal relations <ul style="list-style-type: none"> ▪ Purpose and types <ul style="list-style-type: none"> ▪ Phases ▪ Barriers to interpersonal relations ▪ Methods of overcoming barriers ▪ Johari Window 	<ul style="list-style-type: none"> ▪ Lecture /discussions ▪ Sociometry ▪ Group Games ▪ Psychometric exercises followed by discussions 	<ul style="list-style-type: none"> ▪ Long/ Short answers ▪ Objective type
III	05	01	Develop effective Human relations In context of nursing	Human Relations <ul style="list-style-type: none"> ▪ Understanding self ▪ social behavior Social attitudes ▪ Individual and Group & Groups and individual ▪ Human relations in context of nursing ▪ Group Dynamics ▪ Team Work 	<ul style="list-style-type: none"> ▪ Lecture / discussions ▪ Group Games ▪ Psychometric exercises followed by discussions 	<ul style="list-style-type: none"> ▪ Long/ short answers ▪ Objective type ▪ respond to test based on critical incidents ▪ Anecdotal records
IV	10	05	Develop basic skills of counseling and guidance	Guidance and counseling <ul style="list-style-type: none"> ▪ Definition, meaning, purpose, scope & need. ▪ Basic Principles ▪ Areas of counseling ▪ Organization of counseling services ▪ Approaches to counseling ▪ Attributes and skills of counselor ▪ Issues for counseling in nursing students and nursing personnel ▪ Counseling process steps & techniques ▪ Tools for collecting information ▪ Problem solving approaches Management of crisis and referral 	<ul style="list-style-type: none"> ▪ Lecture / discussions ▪ Role play on counseling in different situations followed by discussions 	Long/ short answers <ul style="list-style-type: none"> ▪ Objective type Assess performance in role play situations

Unit	Time (Hrs.)		Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
	Th.	Pr.				
V	10	08	<ul style="list-style-type: none"> Describe the Philosophy and principles of education Explain teaching learning process 	Principles of Education & Teaching Learning Process <ul style="list-style-type: none"> Education: meaning philosophy aims, functions, & principles Nature & characteristics of learning Principles and maxims of learning Domains of objectives & formulation of general and specific objective Lesson planning Classroom management 	<ul style="list-style-type: none"> Lecture / discussion Exercise on writing objectives Prepare lessons plan Micro teaching 	<ul style="list-style-type: none"> Long/ Short answers Objective type Assess lesson plans Assess teaching sessions
VI	10	05	<ul style="list-style-type: none"> Demonstrate teaching skills in various teaching methods in clinical, classroom & community settings. 	Methods Of Teaching: <ul style="list-style-type: none"> Lecture, demonstration Group discussions, Seminar, Symposium, panel discussion, role play. Project method field trip, workshop, exhibition Computer assisted learning programmed instructions Micro- teaching, Evidence based learning Self instructional module, simulation etc. Clinical Teaching Methods: <ul style="list-style-type: none"> Bedside Clinics, Case Method, Nursing rounds, morning & afternoon reports Conferences: <ul style="list-style-type: none"> Individual & group, Field visits, process recording 	<ul style="list-style-type: none"> Lecture discussions Conduct 5 teaching sessions using different methods and media 	<ul style="list-style-type: none"> Long / Short answers Objective type Assess teaching Sessions.

Unit	Time (Hrs)		Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
	Th.	Pr.				
VII	05	05	<ul style="list-style-type: none"> ▪ Prepare and use different types of educational media effectively 	<p>Educational Media</p> <ul style="list-style-type: none"> ▪ Purpose and types of Audio – visual and principles and sources etc. ▪ Graphic Aids: Chalk board, Charts graph poster ▪ Flash cards, flannel Graph, Bulletin Board, Cartoon ▪ Three Dimensional Aids: Objects, specimens, models, & puppets. ▪ Printed Aids: Pamphlets & leaflets. ▪ Projected Aids: Slides overhead projector transparency preparation ▪ Films, T.V. VCR / VCD ▪ Camera, Microscope, LCD, DVD ▪ Audio Aids: Tape recorder 	<ul style="list-style-type: none"> ▪ Lecture discussion ▪ Demonstration ▪ Prepare different teaching aids projected and non - projected ▪ Prepare a programme for the given topic ▪ Visit to dept of communication, & educational technology 	<ul style="list-style-type: none"> ▪ Long/ Short answer ▪ Objective type ▪ Assess the teaching aids prepared

Unit	Time (Hrs.)		Learning Objectives	Content	Teaching Learning Activities	Assessment Methods
	Th.	Pr.				
VIII	05	05	<ul style="list-style-type: none"> Prepare different types of questions for assessment of knowledge, skills, and attitude 	Assessment <ul style="list-style-type: none"> Purpose & scope of evaluation & assessment Criteria for selection of assessment technique and methods. Assessment of knowledge: Essay Type Questions, Short answer questions (SAQ), Multiple choice questions (MCQ) Assessment Of Skills Observation checklist, Practical exam, Viva, Objective Structured, Clinical examination (OSCE) Assessment of Attitudes : Attitude Scales 	<ul style="list-style-type: none"> Lecture discussion Exercise on writing different types of assessment tools 	<ul style="list-style-type: none"> Long / Short answer Objective type Assess the strategies used in practice teaching Assess the different tools, prepared during exercise sessions.
IX	05	--	<ul style="list-style-type: none"> Teaching individual s groups and communities about health with their active participation 	Information, Education & Communication for Health (ICE) <ul style="list-style-type: none"> Health behavior and health education Principles of health education Health education with individuals, groups and communities Methods and media for communicat -ing health messages. Using mass media Planning health education. 	<ul style="list-style-type: none"> Lecture discussion Plan and conduct Health education sessions for individual group and communities 	<ul style="list-style-type: none"> Long / Short answer Objective type Assess the planning & conductio n of the education -al session

Practicum / Lab:

I	Observation of critical incidents:	2 hours
II	Role play on guidance and counseling	5 hours
III	Lesson plan preparation and conduction	8 hours
IV	Conducting teaching with using various methods	5 hours
V	Preparation of visual aids	5 hours
VI	Preparation of Assessment tools (Question paper, Check list and attitude skills)	5 hours

30 hrs

BIBLIOGRAPHY:

1. Bhatia, Kamala & Bhatia B.D.: The Principles and Methods of Teaching: Delhi, Doaba House, 1977.
2. Neeraja, Nursing Education, New Delhi, Jaypee Brother, 2004.
3. Safaya, Raghunath & Shaída, B.D. Educational Theory & Practice, Delhi, Dhanpat Row & Sons, 1974.
4. Bhatia, Hans Raj Elements of Educational Psychology, Bombay, Qnent Conpman, Sthed, 1973.

EVALUATION SCHEME:**INTERNAL ASSESSMENT:****25 Marks****A) Theory:****15 Marks**

i) Mid-term Examination:

50 Marks

ii) Pre-final Examination:

75 Marks

Total:

125 Marks

(125 Marks to be converted in to 15 Marks for Internal Assessment (Theory))

B) Assignment / Practical:**10 Marks**

SN	UNIT		Marks
1	I	Response to Critical Incidents using Anecdotal Record	10
2	III	Response to Critical Incidents using Anecdotal Record	10
3	IV	Response to Critical Incidents using Anecdotal Record	10
4	V	Lesson Plan Preparation and Conduction of 4 Teachings	100
5	VII	Visual Aid Preparation	50
6	VIII	Assessments of Tools-3 (Preparation of Question Paper, Check List, Attitude Scale.	45
Total			225
(225 Marks to be converted in to 10 Marks for Internal Assessment (Practical))			

EXTERNAL ASSESSMENT: (Theory)

University examination:

75 Marks

1) **Format for Anecdotal Record**

Name of the College :-

Name of Student observed :-

Class :-

Date :-

Subject :-

Place :-

Marks :-

Objective description of the incident as occurred.

Interpretation / comments of the observer.

Sign. of the observer

Date :

Note: 03 Incidents, 10 Marks each.

2) Evaluation Guideline for Teaching

Name of the college :-

Name of the student :-

Class :-

Date:-

Subject :-

Place:-

Topic of lesson :-

Marks:25

SN	Particulars	Marks Allotted	Marks Obtained
I.	<u>Lesson Plan.</u> <ul style="list-style-type: none">• Objective lesson plan• Adequacy of content / Sequencing• Bibliography	2 2 2	
II	<u>Presentations</u> <ul style="list-style-type: none">• Introduction• Speech Clarity/Voice/language• Relevance• Knowledge regarding topic• Co-relation with other subject.• Questioning technique• Group control	2 2 2 2 2 2 2	
III	<u>AV AIDS</u> <ul style="list-style-type: none">• Appropriate• Skills in use(including black board)• Principles observed	1 1 1	
IV	Time Coverage & Summary & Assignments	2	
	Total	25 Marks	

Strengths:

Weakness:

Sign of the student's
Date:

Sign of Evaluators
Date:

Note: Four Teachings, 25 Marks each.

3) Evaluation Guideline for Visual Aid Preparation

Name of the college :-

Name of the student :-

Class :-

Date:-

Subject :-

Place:-

Name of Evaluator :-

Marks : 50

SN	Particulars	1	2	3	4	5
01.	Applicability to the topic.					
02	Appropriateness.					
03	Self prepared/ ready made.					
04	Materials used: economical/costly					
05	Attractive ness.					
06	Principles of visual aid preparation					
07	Display / visibility					
08	Message conveyed					
09	Relevance					
10	Effectiveness					
	Total					

Strengths:

Weakness:

Suggestions for improvement.

Sign. of evaluator

Date:

4. Evaluation Guideline for Assessment of Tool
(Preparation of Question Paper / Check List / Attitude Scale)

Name of the college :-

Name of the student :-

Class :- Date:-

Subject :- Place:-

Name of the Evaluator :-

SN	Particulars	Marks Allotted	Marks Obtained
1	Preparation of blue print	3	
2	Content coverage	2	
3	Construction of item	2	
4	Principles followed for constructing items	2	
5	Objectivity	2	
6	Organizing & sequencing	2	
7	Marking scheme	2	
	Total	15	

Note: Same format to be used for Preparation of Question Paper / Check List / Attitude Scale.

Strengths:

Weakness:

Sign of the student
Date:

Sign of Evaluators
Date:

COURSE OF INSTRUCTION THIRD YEAR BASIC B.SC. NURSING

<u>SN</u>	<u>SUBJECT</u>	<u>THEORY HRS</u>		<u>PRACTICAL HRS</u>	<u>HRS</u>
		<u>Class</u>	<u>Lab</u>		
1	Medical surgical Nursing (Adult including geriatrics) II	103	17	270	
2	Child health Nursing	80	10	270	
3	Mental health nursing	90	-	270	
4	Midwifery and Obstetrical nursing	90		180 * practical exp guidelines for 3 rd & 4 th year	
5	Library work / self study				50
6	Co-curricular activities				50
		363 hrs	27 hrs	990	100
	TOTAL HOURS	1480			

SCHEME OF EXAMINATION THIRD YEAR

SN	SUBJECT	HOURS	INTERNAL ASSESSMENT	EXTERNAL EXAM	TOTAL
1	Medical surgical Nursing (Adult including geriatrics) II	3	25	75	100
2	Child health Nursing	3	25	75	100
3	Mental health nursing	3	25	75	100
	Practical Medical surgical Nursing (Adult including geriatrics) II		50	50	100
6	Child health Nursing		50	50	100
7	Mental health nursing		50	50	100

Scheme of Internal Assessment

Sr No	Subjects	Maximum marks for internal assessment	Assignments / tests	Weight age	Maximum marks of assessment / tests
1	Medical surgical Nursing (Adult including geriatrics) II Theory	25	Midterm Test – 1 Prefinal Exam – 1	50 75	25 marks
	Medical surgical Nursing (Adult including geriatrics) II Practical	50	Nursing care plan (ENT, Ophthalmology, Gynaec, Burns, Oncology) Case presentation / case study- neuro Health teaching Clinical Evaluation (Neurology and critical care unit) <u>Practical exam :-</u> Midterm Test – 1 Prefinal Exam - 1	125 50 25 200 50 75 <hr/> 525	50marks
2	Child health Nursing Theory	25	Midterm Test – 1 Prefinal Exam – 1	50 75	25 marks
	Child health Nursing Practical	50	Case presentation - (Paed Medical / Surgical 01) 2. Case study - (Paed. medical / surgical 01) 3. Nursing care plan 03 4. Clinical evaluation of comprehensive. (paed. Medical / surgical / P.I.C.U./ N.I.C.U.) 5. Health teaching - 01 6. Assessment of growth & development reports. (20 marks each) (Neonate, infant, toddler, preschooler, & School age) 7. Observation report of NICU surgery/ Medical <u>Practical exam:</u> Midterm exam Prefinal exam	50 50 75 300 25 100 25 50 50 <hr/> 725	50 marks

Sr No	Subjects	Maximum marks for internal assessment	Assignments / tests	Weight age	Maximum marks of assessment / tests
3	Mental health nursing Theory	25	Midterm Test – 1 Prefinal Exam – 1	50 75	25 marks
	Mental health nursing Practical	50	Nursing care plan (02 X 25) Case presentation Case study Health teaching History taking & mental status examination (02 X 50) Process recording Observation report of various therapies in psychiatry Clinical Evaluation (02 X 100) <u>Practical exam</u> Midterm test = 1 Prefinal exam = 1	50 50 50 25 100 25 200 50 50 <hr/> 600	50 marks
	Midwifery and obstetrical nursing Theory Final exam will take place in 4 the year		Mid term examination – (3 rd year) Pre final – (4 th year) Assignments: Seminar 01 (3 rd year) Drug study 01 (4 th year)	50 75 50 50	15 marks 10 marks
	Midwifery and obstetrical nursing Practical Final exam will take place in 4 the year		Case presentation 01 (4 th year) ANC/ PNC ward Care study 03 (4 th year) Antenatal ward- 01 Postnatal ward 01 Newborn 01 Health education 01 (3 rd year) Newborn assessment 01 (3 rd year) Case book (3 rd year, 4 th year & internship) Clinical evaluation 04 ANC ward 01 PNC ward 01 Nursery 01 (3 rd year, 4 th year) Labor room 01 Practical viva (3 rd year) Midterm examination (4 th yr) Prefinal examination (4 th year)	50 150 25 25 100 400 50 50 50 <hr/> 900	50marks

MEDICAL SURGICAL NURSING

(Adult including Geriatrics) –II

Placement: Third year

Time: Theory –120 hours
(Classroom 103 + Lab 17)
Practical- 270 hours

Course Description: The purpose of this course is to acquire knowledge and proficiency in caring for patients with medical and surgical disorders in varieties of health care settings and at home.

Specific objectives: At the end of the course the student will be able to:

1. Provide care for patients with disorders of ear nose and throat.
2. Take care of patients with disorders of eye.
3. Plan, implement and evaluate nursing management of patients with neurological disorders.
4. Develop abilities to take care of female patients with reproductive disorders.
5. Provide care of patients with burns, reconstructive and cosmetic surgery.
6. Manage patients with oncological conditions
7. Develop skill in providing care during emergency and disaster situations
8. Plan, implement and evaluate care of elderly
9. Develop ability to manage patients in critical care units.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assessment Method
I	T 15 P 02	•Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients with disorders of Ear Nose and Throat	Nursing management of patient with disorders of Ear Nose and Throat <ul style="list-style-type: none">• Review of anatomy and physiology• of the Ear Nose and Throat-• Nursing Assessment- History and• Physical assessment• Etiology, path physiology, clinical• Manifestations, diagnosis,• Treatment modalities and medical &• Surgical nursing management of Ear Nose and Throat disorders:<ul style="list-style-type: none">○ External ear: deformities otalgia, foreign bodies, and tumours○ Middle Ear-Impacted wax, Tympanic membrane perforation, otitis media, otosclerosis, mastoiditis, tumours	<ul style="list-style-type: none">• Lecture• Discussion• Explain using Charts, graphs• Models, films, slides• Demonstration• Practice session• Cans discussions/ seminar• Health education• Supervised clinical practice• Drug book /presentation• Demonstration of procedures	<ul style="list-style-type: none">• Essay type• Short answers• Objective type• Assessment of skills of patient and management of problems.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assessment Method
			<ul style="list-style-type: none"> ○ Inner ear- meniere,s Disease, labyrinthitis, ototoxicity, tumours ○ Upper airway infections – Common cold, sinusitis, ethinitis, Rhinitis, Pharyngitis, Tonsillitis and Adenoiditis, Peritonsilar abscess, Laryngitis ○ Upper respiratory airway- Epistaxis, ○ Nasal obstruction, laryngeal obstruction, Cancer of the larynx ○ Cancer of the oral cavity ○ Speech defects and speech therapy ● Deafness- Prevention, control and rehabilitation ● Hearing aids, implanted hearing Devices ● Special therapies ● Drugs used in treatment of disorders of ear nose and throat ● Role of nurse Communicating with hearing impaired and mute. ● Nursing procedures Oesophaostomy, Tracheostomy, 		
II	T 15 P 02	Describe the etiology, path physiology, clinical manifestations diagnostic measures and management of patients with disorders of eye. Physical assessment	Nursing management of patient With disorders of eye <ul style="list-style-type: none"> ● Review of anatomy and physiology of the eye- ● Nursing assessment – history and ● Etiology, pathophysiology, clinical manifestations, diagnosis, treatment nursing management of eye disorders: ● Refractive errors ● Eyelids-inflammation and ● Infection and bleeding ● Cornea- inflammation and Infection ● Lens-Cataracts ● Glaucoma ● Disorder of the uveal tract, ● Ocular tumours ● Disorders of posterior chamber and retina : retinal and vitreous problems ● Retinal detachment ● Ocular emergencies and their prevention 	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Explain using Charts, using Models, films. slides ● Demonstration practice session ● Case discussions/ seminar ● Health education ● Supervised clinical practice ● Drug book / presentation ● Visit to eye bank ● Participation in eye-camps 	<ul style="list-style-type: none"> ● Essay type ● Short answers ● Objective type ● Assessment of skills with check list ● Assessment of patient management problem

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assessment Method
			<ul style="list-style-type: none"> • Drugs used in treatment of disorders of eye • Blindness • National blindness control program • Eye Banking • Eye prostheses and rehabilitation • Role of a nurse-Communication with visually impaired patient, Eye camps • Special therapies • Nursing procedures: eye irrigation, assisting with removal of foreign body. 		
III	T 17 P 02	<ul style="list-style-type: none"> • Describe the etiology, patho physiology clinical manifestations, diagnostic measures and nursing management of patients with neurological disorders 	Nursing management of patient With neurological disorders <ul style="list-style-type: none"> • Review of anatomy and physiology of the neurological system • Nursing Assessment-History and physical and neurological assessment and Glasgow coma scale • Etiology, Path physiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of neurological disorders • Congenital malformations • Headache • Head Injuries • Spinal injuries • Paraplegia • Hemiplegia • Quadraplegia • Spinal cord compression -Herniation of intervertebral disc • Tumors of the brain & spinal cord • Intra cranial and cerebral aneurysms • Infections: Meningitis, Encephalitis, brain abscess, neurocysticercosis • Movement disorders : Chorea Seizures / Epilepsy • Cerebro vascular accidents (CVA) 	<ul style="list-style-type: none"> • Lecture discussion • Explain using Charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book /presentation • Visit to rehabilitation drugs used in treatment of disorders of eye center 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problem

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assessment Method
			<ul style="list-style-type: none"> • Cranial / spinal neuropathies – Bell’s palsy, trigeminal neuralgia, Peripheral Neuropathies; Guillan-Barr’e syndrome Myasthenia gravis Multiple sclerosis, Degenerative diseases, Peripheral neuritis TIA <ul style="list-style-type: none"> ❑ Delirium Dementia ❑ Alzheimer’s disease ❑ Parkinson’s disease • Management of unconscious patients and patients with stroke • Drugs used in treatment of neurological disorders <ul style="list-style-type: none"> • Role of the nurse in communication with patient having neurological deficit • Rehabilitation of patients with neurological deficit • Role of nurse in long stay facility (institutions) and at home Special therapies Nursing procedures: GCS, assisting with diagnostic procedures and rehabilitation 		
IV	T 15 P 02	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology clinical manifestation, diagnostic measures and nursing management of patients with disorders of female reproductive system. • Describe concepts of reproductive health and family welfare programmes . 	<p>Nursing management of patient s With disorders of female reproductive system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of the female reproductive system • Nursing assessment-history and physical assessment • Breast self examination • Etiology, pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of disorder of female reproductive system • Congenital abnormalities of female reproductive system • Sexuality and Reproductive Health • Sexual Health Assessment • Menstrual Disorders- Dysmenorrhea, Amenorrhea, Premenstrual Syndrome • Abnormal Uterine Bleeding; Menorrhagia, Metrorrhagia • Pelvic inflammatory disease- • Ovarian and fallopian tube disorders; Infections Cysts, Tumours • Uterine and cervical disorders; Endometriosis, polyps, Fibroids, Cervical and uterine tumours, • Uterine displacement , Cystocele/ urethrocele/ rectocele 	<ul style="list-style-type: none"> • Lecture discussion • Explain using Charts, graphs Models, films, slides • Demonstration /Practice session • Case discussions/ Seminar • Heath education • Supervised clinical practice • Drug book /presentation 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problem

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assessment Method
			<ul style="list-style-type: none"> • Vaginal disorders; Infections and Discharges, fistulas • Vulvar disorders; Infection, cysts, Tumours • Diseases of breast Deformities Infections Cysts and Tumours • Menopause and hormonal replacement therapy • Infertility • Contraception; Temporary and Permanent • Emergency contraception methods • Abortion-natural, medical and surgical abortion-MTP Act • Toxic shock Syndrome • Injuries and trauma; sexual violence • Drugs used in treatment of gynaecological disorders • Special therapies vaginal douche PAP smear • Nursing procedures assisting with diagnostic and therapeutic procedures, self examination of breast. 		
V	T 08 P 02	Describe the etiology, patho physiology, clinical manifestations, diagnostic measures and nursing management of patients with burns, reconstructive and cosmetic surgery	Nursing management of patients With Burns, reconstructive and Cosmetic surgery <ul style="list-style-type: none"> • Review of anatomy and physiology of the skin and connective tissues • Nursing assessment-History and physical examination & assessment burns • Etiology, Classification, pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical and nursing management of Burns with special emphasis of fluid replacement therapy. • Types of surgeries • Legal Issues, Rehabilitation • Special therapies • Psycho social aspects 	<ul style="list-style-type: none"> • Lecture discussion • Explain using Charts, graphs Models, films, slides • Demonstration • Practice session • Case discussion/ Seminar • Health education • Supervised clinical practice • Drug book / presentation 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problem

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assessment Method
VI	T 13 P 02	Describe the etiology, patho physiology, clinical manifestations, diagnostic manifestations, diagnostic measures and nursing management of patients with oncology	Nursing management of patients With oncological conditions <ul style="list-style-type: none"> • Structure & characteristics of normal & cancer cells • Nursing Assessment-history and physical assessment • Prevention, Screening for early detection, warning signs of cancer • Common malignancies of various body system; Brain Oral cavity, larynx lung liver stomach and colon, breast cervix, ovary, uterus, renal, bladder, prostate leukemias and lymphomas, Oncological emergencies. • Epidemiology, etiology, classifications, pathophysiology, staging, clinical manifestations, diagnosis treatment modalities and medical, surgical & nursing management of malignant diseases • Treatment Modalities – Immunotherapy Chemotherapy, Gene therapy Stem cell & Bone Marrow transplants. • Surgical interventions • Psychosocial aspects of cancer • Rehabilitation & Palliative care • Management – nutritional support Home care, Hospice care, Stoma care • Psycho social aspects • Assisting with diagnostic and therapeutic procedures 	<ul style="list-style-type: none"> • Lecture discussion • Explain using Charts, graphs models, films, slides • Demonstration • Practice session • Case discussion/ Seminar • Health education • Supervised clinical practice • Drug book /presentation 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problem
VII	10	<ul style="list-style-type: none"> • Describe organization of emergency and disaster care services • Describe the role of nurse in disaster management • Describe the role of nurse in management of Emergencies 	Nursing management of patient in EMERGENCY & DISASTER situations <ul style="list-style-type: none"> • Concepts and principles of Disaster Nursing • Causes and types of disaster: Natural and man-made Earthquakes, floods, epidemics, Cyclones fire, Explosion, Accidents Violence, Terrorism; Bio-chemical war • Policies related to emergency/ disaster Management; International , national, state, institutional • Disaster preparedness: Team, guidelines, protocols, equipments, resources Coordination and involvement of community, various-government departments, non-government. 	<ul style="list-style-type: none"> • Lecture discussion • Explain using Charts, graphs Models, films, slides • Demonstration • Practice session • Case discussion/Seminar • Health education • Supervised clinical practice 	

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assessment Method
			<p>organizations and International agencies</p> <ul style="list-style-type: none"> • Role of nurse in disaster management • Legal aspects of disaster nursing • Impact on Health and after effects; post Traumatic Stress Disorder • Rehabilitation; physical, psychosocial • Social, Financial, Relocation • Emergency Nursing Concept, priorities principle and • Scope of emergency nursing • Organization of emergency services: physical setup, staffing, equipment and supplies, protocols, Concepts of triage and role of triage nurse • Coordination and involvement of different departments and facilities • Nursing Assessment-History and physical assessment • Etiology, pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of patient with medical and surgical Emergency • Principles of emergency management • Common Emergencies; • Respiratory Emergencies • Cardiac Emergencies • Shock and Haemorrhage • Pain • Poly-Trauma, road accidents, crush • Injuries, wound • Bites • Poisoning; Food, Gas, Drugs & chemical poisoning • Seizures • Thermal Emergencies; Heat stroke & Cold injuries • Pediatric Emergencies • Psychiatric Emergencies • Obstetrical Emergences • Violence, Abuse, Sexual assault • Cardio pulmonary Resuscitation • Crisis Intervention • Role of the nurse; Communication And inter personal Relation • Medico-legal Aspects; 	<ul style="list-style-type: none"> • Disaster management drills • Drug book /presentation 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problem

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assessment Method
VIII	10	<ul style="list-style-type: none"> Explain the concept and problems of aging Describe nursing care of the elderly 	Nursing care of the elderly <ul style="list-style-type: none"> Nursing Assessment-History and physical assessment Ageing; Demography; Myths and realities Concepts and theories of ageing Cognitive Aspects of Ageing Normal biological ageing Age related body systems changes Psychosocial Aspects of Aging Medications and elderly Stress & coping in older adults Common Health problems & Nursing Management; Cardiovascular, Respiratory, Musculoskeletal, Endocrine, genito-urinary, gastrointestinal Neurological, Skin and other Sensory organs Psychosocial and Sexual Abuse of elderly Role of nurse for care of elderly: ambulation, nutritional, communicational, psychosocial and spiritual Role of nurse for caregivers of elderly Role of family and formal and non formal caregivers Use of aids and prosthesis (hearing aids, dentures, Legal & Ethical Issues Provisions and Programmes of elderly; Privileges. Community programs and health services; Home and institutional care 	<ul style="list-style-type: none"> Lecture discussion Explain using Charts, graphs Models, films, slides Demonstration Practice session Case discussion/Seminar Health education Supervised clinical practice Drug book /presentation Visit to old age home 	<ul style="list-style-type: none"> Essay type Short answers Objective type Assessment of skills with check list Assessment of patient management problem
IX	T 10 P 05	<ul style="list-style-type: none"> Describe organization of critical care units management role of nurse in management of patients critical care units 	Nursing management of patient in critical care units <ul style="list-style-type: none"> Nursing Assessment-History and Physical assessment Classification Principles of critical care nursing Organization; physical setup, Policies, staffing norms, Protocols, equipment and supplies 	<ul style="list-style-type: none"> Lecture discussion Explain using Charts, graphs Models, films, slides Demonstration Role plays counseling Practice session Case discussion/ 	<ul style="list-style-type: none"> Essay type Short answers Objective type Assessment of skills with check list Assessment of patient management

			<ul style="list-style-type: none"> • Special equipments; ventilators, cardiac monitors, defibrillators, • Resuscitation equipments • Infection Control protocols 	Seminar	problem
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Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assessment Method
			<ul style="list-style-type: none"> • Nursing management of critically ill patient; • Monitoring of critically ill patient • CPR-Advance Cardiac life support • Treatments and procedures. • Transitional care • Ethical and Legal Aspects • Communication with patient and family • Intensive care records • Crisis Intervention • Death and Dying-coping with • Drugs used in critical care unit • Nursing procedures; Monitoring of patients in, assisting in therapeutic and diagnostic procedures, CPR, ACLS 	<ul style="list-style-type: none"> • Health education • Supervised clinical practice • Drug book /presentation 	
X	8	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, assessment, diagnostic measures and management of patients with occupational and industrial health disorder 	Nursing management of patients adults including elderly with occupational and industrial disorders <ul style="list-style-type: none"> • Nursing Assessment-History and physical assessment • Etiology, pathophysiology, clinical manifestations, diagnosis, diagnosis, treatment modalities and medical & surgical nursing management of occupational and industrial health disorders • Role of nurse Special therapies, alternative therapies Nursing procedures Drugs used in treatment of Occupational and industrial disorders 		

Student References –

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2. Brunner S. B., Suddarth D.S. The Lippincott Manual of Nursing practice J.B.Lippincott. Philadelphia.

Suggested references

1. Lewis, Heitkemper & Dirksen (2000) Medical Surgical Nursing Assessment and Management of Clinical Problem (6thed) Mosby.
2. Black J.M. Hawk, J.H. (2005) Medical Surgical Nursing Clinical Management for Positive Outcomes. (7thed) Elsevier.
3. . Brunner S. B., Suddarth D.S. The Lippincott Manual of Nursing practice J.B.Lippincott. Philadelphia.
4. Colmer R.M. (1995) Moroney's Surgery for Nurses (16thed) ELBS.
5. 5. Shah N.S. (2003) A P I textbook of Medicine, The Association of Physicians of India Mumbai.
6. Satoskar R.S., Bhandarkar S.D. & Rege N.N. (2003) Pharmacology and Pharmacotherapeutics (19thed) Popular Prakashan, Mumbai.
7. Phipps W.J., Long C.B. & Wood N.F. (2001) Shaffer's Medical Surgical Nursing B.T.Publication Pvt. Ltd. New Delhi.
8. 11 Haslett C., Chilvers E.R., Hunder J.A.A. & Boon, N.A. (1999) Davidson's Principles and Practice of Medicine (18thed) Churchill living stone. Edinburgh.
9. 13 Walsh M. (2002) Watson's Clinical Nursing and Related Sciences (6thed) Bailliere Tindall Edinburgh.

PRACTICAL

Practical –270 hrs

Areas	Duration (inwks)	Objectives Posting	Skills to be developed	Assignments	Assessment Method
ENT	1	<ul style="list-style-type: none"> provide care to patients with ENT disorders counsel and educate patient and families 	<ul style="list-style-type: none"> perform examination of ear, nose and throat Assist with diagnostic procedures Assist with therapeutic procedures Instillation of drops Perform/assist with irrigations. Apply ear bandage Perform tracheotomy care Teach patients and Families 	<ul style="list-style-type: none"> Provide care to 2-3 assigned patients Nursing care plan-1 Observation reports of OPD Maintain drug book 	<ul style="list-style-type: none"> Assess each skill with checklist Assess performance with rating scale Evaluation of observation report of OPD Completion of activity record
Ophthalmology	1	<ul style="list-style-type: none"> Provide care to patients with Eye disorders Counsel and educate patient and families 	<ul style="list-style-type: none"> Perform examination of eye Assist with diagnostic procedures Assist with therapeutic procedures Perform/assist with Irrigations. Apply eye bandage Apply eye drops/ ointments Assist with foreign body removal. Teach patients and Families 	<ul style="list-style-type: none"> Provide care to 2-3 assigned patients Nursing care plan-1 Observation reports of OPD & Eye bank Maintain drug book 	<ul style="list-style-type: none"> Assess each skill with checklist Assess performance with rating scale Evaluation of observation report of OPD/Eye bank Completion of activity record
Neurology	2	<ul style="list-style-type: none"> provide care to patients with neurological disorders counsel and educate patient and families 	<ul style="list-style-type: none"> Perform Neurological Examination Use Glasgow coma scale Assist with diagnostic procedures Assist with therapeutic procedures Teach patient & families Participate in Rehabilitation program 	<ul style="list-style-type: none"> Provide care to assigned 2-3 patients with neurological disorders Case study/Case presentation-1 Maintains drug book Heath Teaching-1 	<ul style="list-style-type: none"> Assess each skill with checklist Assess performance with rating scale Evaluation of case study & health Completion of activity record

Areas	Duration (inwks)	Objectives Posting	Skills to be developed	Assignments	Assessment Method
Gynecology ward	1	<ul style="list-style-type: none"> • Provide care to patients with gynecological disorders • Counsel and educate patient and families 	<ul style="list-style-type: none"> • Assist with gynecological Examination • Assist with diagnostic procedures • Assist with therapeutic procedures • Teach patients families • Teaching self Breast Examination • Assist with PAP • Smear collection. 	<ul style="list-style-type: none"> • Provide care to 2-3 assigned patients • Nursing care plan-1 • Maintain drug book 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with rating scale • Evaluation of observation report of OPD/Eye bank • Completion of activity record
Burns Unit	1	Provide care	<ul style="list-style-type: none"> • Assessment of the burns patient • Percentage of burns • Degree of burns. • Fluid & electrolyte replacement therapy • Assess • Calculate • Replace • Record intake/output • Care of Burn wounds • Bathing • Dressing • Perform active & passive exercises • Practice asepsis • surgical asepsis • Counsel & Teach patients and families • Participate in rehabilitation program 	<ul style="list-style-type: none"> • Provide care to 1-2 assigned patients • Nursing care plan-1 • Observation report of Burns unit 	activity record
Oncology	1	<ul style="list-style-type: none"> • provide care to patients with cancer counsel and educate patient and families 	<ul style="list-style-type: none"> • Screen for common cancers-TNM classification • Assist with diagnostic procedures • Biopsies • Pap smear • Bone-marrow aspiration • Breast examination • Assist with • Therapeutic • Participates • Participates in various modalities of treatment 	<ul style="list-style-type: none"> • Provide care to 2-3 assigned patients • Nursing care Plan –1 • Observation report of cancer unit 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with rating scale • Evaluation of Care plan and observation report • Completion of activity record

Areas	Duration (inwks)	Objectives Posting	Skills to be Developed	Assignments	Assessment Method
			<ul style="list-style-type: none"> • Chemotherapy • Radiotherapy • Pain management • Stomalththerapy • Hormonal therapy • Immuno therapy • Gene therapy • Alternative therapy • Participate in palliative care • Counsel and teach patients families 		
Critical Care unit	2	<ul style="list-style-type: none"> • provide care to critically ill patients • counsel and families for grief and bereavement 	<ul style="list-style-type: none"> • Monitoring of patients in ICU • Maintain flow sheet • Care of patient on ventilators • Perform Endotracheal suction • Demonstrates use of ventilators, cardiac monitors etc. • Collect specimens and interprets ABG analysis • Assist with arterial puncture • Maintain CVP line • Pulse oximetry • CPR-ALS • Defibrillators • Pace makers • Bag-m ask ventilation • Emergency tray/ trolley-Crash Cart • Administration of drugs infusion pump • Epidural • Intra thecal • Intracardiac • Total parenteral therapy • Chest physiotherapy • Perform active & passive exercise • Counsel the patient and family in dealing with grieving and bereavement 	<ul style="list-style-type: none"> • Provide care to I assigned patient • Observation report of Critical care unit • Drugs book. 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with rating scale • Evaluation of observation report • Completion of activity record

Areas	Duration (inwks)	Objectives Posting	Skills to be developed	Assignments	Assessment Method
Causality / emergency	1	<ul style="list-style-type: none"> provide care to patients in emergency and disaster situation counsel patient and families for grief and bereavement 	<ul style="list-style-type: none"> Practice 'triage'. Assist with assessment, examination, investigations & their interpretations, in emergency and disaster situations Assist in documentations Assist in legal procedures in emergency unit Participate in managing crowd Counsel patient and Families in grief and bereavement 	<ul style="list-style-type: none"> Observation Report of Emergency Unit 	<ul style="list-style-type: none"> Assess Performance with rating scale Evaluation of observation report Completion of activity record

Evaluation

Internal assessment

Theory

Maximum marks 25

Midterm	50
Prefinal	75

Total 125

Practical

Maximum marks 50

Nursing care plan (ENT, Ophthalmology, Gynaec, Burns, Oncology)	5 x25	125
Case presentation / case study- neuro	1x 50	50
Health teaching	1 x 25	25
Clinical Evaluation (Neurology and critical care unit)	2 x 100	200

Internal assessment

Practical

Midterm	50
Prefinal	75

Total 525

Practical examination

University examination

Theory	Marks 75
Practical	Marks 50

Nursing care plan

- 1. Patients Biodata:** Name, address, age, sex, religion, marital status, occupation, source of health care, date of admission, provisional diagnosis, date of surgery if any
- 2. Presenting complaints:** Describe the complaints with which the patient has come to hospital
- 3. History of illness**
 - History of present illness – onset, symptoms, duration, precipitating / alleviating factors
 - History of past illness – illnesses, surgeries, allergies, immunizations, medications
 - Family history – family tree, history of illness in family members, risk factors, congenital problems, psychological problems.
- 4. Economic status:** Monthly income & expenditure on health, marital assets (own pacca house car, two wheeler, phone, TV etc...)
- 5. Psychological status:** ethnic background,(geographical information, cultural information) support system available.
- 6. Personal habits:** consumption of alcohol, smoking, tobacco chewing, sleep, exercise, and work elimination, nutrition.
- 7. Physical examination with date and time**
- 8. Investigations**

Date	Investigations done	Normal value	Patient value	Inference

9. Treatment

Sr. No.	Drug (pharmacological name)	Dose	Frequency/ time	Action	Side effects & drug interaction	Nursing responsibility

10. Nursing process:

Patients name		Date			Ward		
Date	Assessment	Nursing Diagnosis	Objective	Plan of care	Implementa-tion	Rationale	Evaluation

Discharge planning:

It should include health education and discharge planning given to patient

11.Evalaution of care

Overall evaluation, problem faced while providing care prognosis of the patient and conclusion

Care plan evaluation

1.	History taking	03
2.	Assessment and nursing diagnosis	05
3.	Planning of care	05
4.	Implementation and evaluation	08
5.	Follow up care	02
6.	Bibliography	02

FORMAT FOR CASE PRESENTATION

Patients Biodata: Name, address, age, sex, religion, marital status, occupation, source of health care, date of admission, provisional diagnosis, date of surgery if any

Presenting complaints: Describe the complaints with which the patient has come to hospital

History of illness

History of present illness – onset, symptoms, duration, precipitating / alleviating factors
History of past illness – illnesses, surgeries, allergies, immunizations, medications
Family history – family tree, history of illness in family members, risk factors, congenital problems, psychological problems.

Economic status: Monthly income & expenditure on health ,marital assets (own pacca house car, two wheeler, phone, TV etc...)

Psychological status: ethnic background,(geographical information, cultural information) support system available.

Personal habits: consumption of alcohol, smoking, tobacco chewing, sleep, exercise, work elimination, nutrition.

Physical examination with date and time

Investigations

Date	Investigations done	Normal value	Patient value	Inference

Treatment

Sr. No.	Drug (pharmacological name)	Dose	Frequency / time	Action	Side effects & drug interaction	Nursing responsibility

Description of disease

Definition, related anatomy physiology, etiology, risk factors, clinical features, management and nursing care

Clinical features of the disease condition

Clinical features present in the book	Description of clinical features of patient	Pathophysiology

Nursing process:

Patients name		Date		Ward			
Date	Assessment	Nursing Diagnosis	Objective	Plan of care	Implementation	Rationale	Evaluation

Discharge planning:

It should include health education and discharge planning given to patient

Evaluation of care

Overall evaluation, problem faced while providing care prognosis of the patient and conclusion

Evaluation format for case presentation

Sr.No.	Content	Marks
1	Assessment / Introduction	05
2	Knowledge and understanding of disease	10
3	Nursing care plan	15
4	Presentation skill	10
5	A.V. aids	05
6	Overall	
	Summary& conclusion	03
	Bibliography	02
	Total	<hr/> 50

Format for case study

Format is similar to case presentation but should be in detail

The nursing care given to the patient should be at least for 5 continuous days

Evaluation format for case study

Sr.No.	Content	Marks
1	Assessment / Introduction	05
2	Knowledge and understanding of disease	15
3	Nursing care plan	20
4	Discharge plan	05
5	Summary & evaluation	02
6	Bibliography	03
	Total	<hr/> 50

EVALUATION FORMAT FOR HEALTH TALK

NAME OF THE STUDENT : _____

AREA OF EXPERIENCE : _____

PERIOD OF EXPERIENCE : _____

SUPERVISOR : _____

Total 100 Marks

Scores: 5 = Excellent, 4 = Very good, 3 = Good, 2 = Satisfactory / fair, 1 = Poor

Sr. No.	Particular	1	2	3	4	5	Score
1	I) Planning and organization a) Formulation of attainable objectives b) Adequacy of content c) Organization of subject matter d) Current knowledge related to subject Matter e) Suitable A.V.Aids II) Presentation: a) Interesting b) Clear Audible c) Adequate explanation d) Effective use of A.V. Aids e) Group Involvement f) Time Limit III) Personal qualities: a) Self confidence b) Personal appearance c) Language d) Mannerism e) Self awareness of strong & weak points IV) Feed back: a) Recapitulation b) Effectiveness c) Group response V) Submits assignment on time						

* 100 marks will be converted into 25

CLINICAL EVALUATION PROFORMA

NAME OF THE STUDENT : _____

YEAR : _____

AREA OF CLINICAL EXPERIENCE : _____

DURATION OF POSTING IN WEEKS: _____

NAME OF THE SUPERVISOR : _____

Total Marks :- 100

Scores:- 5 = Excellent, 4 = Very good, 3 = Good, 2 = Satisfactory / fair, 1 = Poor

SR NO	EVALUATION CRITERIA	Grades				
		5	4	3	2	1
I	Personal & Professional behavior					
1	Wears clean & neat uniform and well groomed.					
2	Arrives and leaves punctually					
3	Demonstrates understanding of the need for quietness in speech & manner & protects the patient from undue notice.					
4	Is notably poised and effective even in situations of stress					
5	Influential & displaced persuasive assertive leadership behaviour					
II	Attitude to Co-workers and patients					
6	Works well as member of nursing team					
7	Gives assistance to other in clinical situations					
8	Understands the patient as an individual					
9	Shows skills in gaining the confidence & co-operation of patients and relatives, tactful and considerate.					
IV	Application of knowledge					
10	Possess sound knowledge of medical surgical conditions.					
11	Has sound knowledge of scientific principles					
12	Able to correlate theory with practice					
13	Has knowledge of current treatment modalities inclusive of medicine, surgery, pharmacology and dietetics.					
14	Takes interest in new learning from current literature & seeks help from resourceful people.					

SR NO	EVALUATION CRITERIA	Grades				
		5	4	3	2	1
V	Quality of clinical skill					
15	Identifies problems & sets priorities and grasps essentials while performing duties					
16	Applies principles in carrying out procedures & carries out duties promptly.					
17	Has technical competence in performing nursing procedures.					
18	Resourceful and practices economy of time material and energy.					
19	Observes carefully, reports & records signs & symptoms & other relevant information					
20	Uses opportunities to give health education to patients & relatives					
TOTAL						

Grade

Excellent	=	80-100 %
Very good	=	70 –79 %
Good	=	60 – 69 %
Satisfactory	=	50- 59 %
Poor	=	Below 50 %

Remarks for improvement:

Student's Remark:

Signature of the student

Signature of the teacher

Maharashtra University of Health Sciences
External Practical Evaluation Guidelines
III Basic B.Sc Nursing
Subject:-Medical Surgical Nursing II

50 Marks

Internal Examiner	25 Marks
Nursing Procedure (15 marks)	
<i>Planning and Organizing</i>	5 marks
• Preparation of tray	3
• Environment	1
• Preparation of patient	1
<i>Execution of Procedure</i>	7 marks
• Applies scientific principles	3
• Proficiency in skill	3
• Ensures sequential order	1
<i>Termination of procedure</i>	3marks
• Makes patient comfortable	1
• Reports & Records	1
• After care of articles	1
Viva (10 Marks)	10marks
• Knowledge about common medical surgical conditions- (ENT, eye, neurological, Reproductive System)	4
• Nursing Care of Elderly persons	2
• Preparation of various diagnostic procedures	2
• Instruments and articles	2
External Examiner	25 Marks
Nursing Process (15 Marks)	15 marks
• Assessment	3
• Nursing Diagnosis	2
• Goal	1
• Outcome criteria	1
• Nursing intervention	3
• Rationale	2
• Evaluation	1
• Nurses notes	2
Viva (10 Marks)	10 marks
• Knowledge about common medical surgical conditions (Burns, Reconstructive and cosmetic surgery, Oncological conditions)	4
• Care of Patients in Critical Care Unit	2
• Occupational Disorders	2
• Drugs	2

Date :

CHILD HEALTH NURSING.

Placement: Third Year.

**Time: Theory-90 Hrs.
(Class 80 + Lab 10 hrs)
Practical-270 Hrs.**

Course Description: This course is designed for developing an understanding of the modern approach to child-care, identification, prevention and nursing management of common health problems of neonates and children.

Specific objectives: At the end of the course, the students will be able to:

1. Explain the modern concept of child care and the principles of child health nursing.
2. Describe the normal growth and development of children in various age groups.
3. Explain the physiological response of body to disease conditions in children.
4. Identify the health needs and problems of neonates and children, plan and implement appropriate nursing interventions.
5. Identify the various preventive, promotive and rehabilitative aspects of child care and apply them in providing nursing care to children in the hospital and in the community.

Unit	Learning Objectives	Content	Hrs : allocation.
I	*Explain the modern concept of child care & principles of child health nursing.	Introduction : Modern concept of child care.	T 10 hrs. P 05 hrs
		• Introduction to modern concept of child care & history, principles & scope of child health nursing.	1
		• Internationally accepted rights of the Child	1
	*Describe national policy programmes & legislations in relation to child health & welfare.	National policy & legislations in relation to child health & welfare.	1
		• National programmes related to child health & welfare.	1
		• Agencies related to welfare services to the children.	1
	*List major causes of death during infancy, early & late childhood.	• Changing trends in hospital care, preventive, promotive & curative aspects of child health.	1
		• Child morbidity & mortality rates.	1
		• Differences between an adult & child.	1
	*Describe the major functions & role of the paediatric nurse in caring for a hospitalized child.	• Hospital environment for a sick child.	1
		• Impact of hospitalization on the child & family.	1
		• Grief & bereavement.	1
		• The role of a child health nurse in caring for a hospitalized child.	1
		• Principles of pre & post-operative care of infants & children.	1
	*Demonstrate various paediatric nursing procedures	• Child health nursing procedures.	5

Unit	Learning Objectives	Content	Hrs : allocation.
II	<p>*Describe the normal growth & development of children at different ages</p> <p>*Identify the needs of children at different ages & provide parental guidance</p> <p>*Identify the nutritional needs of children at different ages & ways of meeting the needs.</p> <p>*Appreciate the role of play for normal & sick children.</p> <p>*Appreciate the preventive measures & strategies for children.</p>	<p>The healthy child</p> <ul style="list-style-type: none"> Principles of growth & development. Factors affecting growth & development. Growth & development from birth to adolescence The needs of normal children through the stages of developmental & parental guidance Nutritional needs of children & infants: Breast feeding, supplementary & artificial Feeding & weaning. Baby friendly hospital concept. Accidents: causes & prevention. Value of play & selection of play material. Preventive immunization, immunization programme & cold chain. Preventive pediatrics Care of under five & under five clinics/ well baby clinic. 	<p>T 18 hrs.</p> <p>P 02 hrs</p> <p>1</p> <p>1</p> <p>6</p> <p>2</p> <p>1</p> <p>2</p> <p>2</p> <p>2</p> <p>1</p> <p>2</p>
III	<p>*Provide care to normal & high risk neonates.</p> <p>*Perform neonatal resuscitation.</p> <p>*Recognize & manage common neonatal problems.</p>	<p>Nursing care of a neonate.</p> <ul style="list-style-type: none"> Nursing care of a normal newborn / Essential newborn care. Neonatal resuscitation. Nursing management of a low birth weight baby & high risk babies. Kangaroo mother care. Organization of neonatal unit. Identification & nursing management of common neonatal problems. Nursing management of babies with common congenital malformations. Control & prevention of infection in N.I.C.U. 	<p>T 12 hrs.</p> <p>P 03 hrs.</p> <p>4</p> <p>1</p> <p>4</p> <p>1</p> <p>1</p> <p>1</p> <p>2</p> <p>1</p>
IV	<p>*Explain the concept of IMNCI & other health strategies initiated by National population policy 2000.</p>	<p>Integrated management of neonatal & childhood illnesses (IMNCI).</p> <p>Health strategies: National population policy-</p> <ul style="list-style-type: none"> RCH camps & RCH outreach schemes. Operationalization of district newborn care, home based neonatal care. Border district cluster strategy. Integrated management of infants & children with illnesses like diarrhea, A.R.I., malaria, measles & Malnutrition. * Nurses' role: IMNCI. 	<p>10 hrs.</p> <p>2</p> <p>2</p> <p>1</p> <p>3</p> <p>2</p>

U nit	Learning Objectives	Content	Hrs : allocation.
V	<p>*Provide nursing care in common childhood diseases.</p> <p>*Identify measures to prevent common childhood diseases including immunization.</p>	<p>Nursing management in common childhood diseases-</p> <ul style="list-style-type: none"> • Nutritional deficiency disorders. • Respiratory disorders & infections. • Gastro-intestinal infections, infestations, & congenital disorders. • Cardio-vascular problems: congenital defects & rheumatic fever, rheumatic heart disease. • Genito-urinary disorders: acute glomerulo nephritis, nephritic syndrome, Wilm's tumour, infections, calculi, & congenital disorders. • Neurological infections & disorders : convulsions, meningitis, hydrocephalus, head injury. • Hematological disorders : anemias, thalassemia, ITP, leukemia, hemophilia. • Endocrine disorders: juvenile diabetes mellitus & other diseases. • Orthopaedic disorders : club feet, hip dislocation & fracture. • Disorders of skin, eye & ears. • Common communicable diseases in children, their identification, nursing care in hospital & home & prevention. • Child health emergencies : poisoning, haemorrhage, burns & drowning. • Nursingcareof infant and children with HIV / AIDS 	<p>20 hrs.</p> <p>1</p> <p>2</p> <p>2</p> <p>3</p> <p>2</p> <p>3</p> <p>2</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>
VI	*Manage the child with behavioral & social problems	<p>Management of behavioural & social Problems in children.</p> <ul style="list-style-type: none"> • Management of common behavioral disorders. • Management of common psychiatric problems. • Management of challenged children: • Mentally, physically, & socially challenged. • Welfare services for challenged children in India. • Child guidance clinics. 	<p>10 hrs.</p> <p>4</p> <p>2</p> <p>2</p> <p>1</p> <p>1</p>

References-

1. Ghai O.p. et al. (2000) Ghai's Essentials of Paediatrics. 1st edn. Mehta offset works. New Delhi.
2. Marlow Dorothy & Redding. (2001) Textbook of Paed. Nsg. 6th edn. Harbarcourt India ltd. New Delhi
3. Parthsarathy et al. (2000) IAP Textbook of Paediatric Nsg. Jaypee bros., 2nd ed. New Delhi.
4. Vishwanathan & Desai. (1999) Achar's Textbook of Paediatrics 3rd ed. Orient Longman. Chennai.
5. Wong Dona et al. Whaley & Wong's Nursing care of infants & children. 6th edn. Mosby co., Philadelphia.
6. Dr. C.S. Waghale, Principles and Practice of Clinical Pediatrics, Vora publication 1996

PRACTICAL

Time: 270 hrs (9 weeks)

Areas	Duration (in weeks)	Objectives	Skills	Assignments	Assessment methods
Pediatric medicine ward	3	<ul style="list-style-type: none"> • Provide nursing care to children with various medical disorders • Counsel and educate parents 	<ul style="list-style-type: none"> • Taking pediatric history • Physical examination and assessment of children • Administer of oral, IM/IV medicine and fluids. • Calculation fluid requirements • Prepare different strengths of IV fluids • Apply restraints • Administer O₂inhalation by different methods • Give baby bath • Feed children by katori spoon etc • Collect specimens for common investigations • Assist with common diagnostic procedures • Teach mothers/parents <ul style="list-style-type: none"> ➤ Malnutrition ➤ Oral rehydration therapy ➤ Feeding and weaning ➤ Immunization schedule ➤ Play therapy ➤ Specific disease conditions 	<ul style="list-style-type: none"> • Give care to three assigned pediatric patients • Nursing care plan- 1 • Case study /Presentation - 1 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale. • Assess each skill with checklist OSCE/OSPE • Evaluation of case study / presentation and health education session. • Completion of activity record

Pediatric surgery ward	3	<ul style="list-style-type: none"> Recognize different pediatric conditions / malformations Provide pre and post operative care to children with common pediatric surgical conditions/ malformation Counsel and educate parents 	<ul style="list-style-type: none"> Calculate,prepare and administer IV fluids Do bowel wash Care for ostomies: <ul style="list-style-type: none"> ➤ Colostomy irrigation ➤ Ureterostomy ➤ Gastrostomy ➤ Enterostomy Urinary catheterisation and drainage Feeding <ul style="list-style-type: none"> ➤ Nasogastric ➤ Gastrostomy ➤ Jejunostomy Care of surgical wounds Dressing Suture removal 	Give care to three assigned pediatric surgical patients Nursing care plan- 1 Case study / presentation - 1	<ul style="list-style-type: none"> Assess clinical performance with rating scale. Assess each skill with checklist OSCE/OSPE Evaluation of case study / presentation and health education session. Completion of activity record
Pediatric OPD/ Immunization room	1	<ul style="list-style-type: none"> Perform assessment of children: Health, developmental and anthropometric Perform immunization Give health education/ nutritional education 	<ul style="list-style-type: none"> Assessment of children <ul style="list-style-type: none"> ➤ Health assessment ➤ Developmental assessment ➤ Anthropometric assessment Immunization Health / Nutritional education 	Developmental study -1	<ul style="list-style-type: none"> Assess clinical performance with rating scale Completion of activity record.
Pediatric medicine and surgery ICU	1+1	<ul style="list-style-type: none"> Provide Nursing care to critically ill children 	<ul style="list-style-type: none"> Care of a baby in incubator / warmer Care of child on ventilator. Endotracheal suction Chest physiotherapy Administer fluids with infusion pump. Total parenteral nutrition Phototherapy Monitoring of babies Cardio pulmonary resuscitation 	Nursing care plan 1 Observation report 1.	<ul style="list-style-type: none"> Assess clinical performance with rating scale Completion of activity record Evaluation of observation report.

EVALUATION

I. Internal assessment :

<u>Theory :</u>	Maximum marks 25
	Marks
Midterm	50
Prefinal	75
<hr/>	
Total marks	125

Practicum : Maximum marks 50

1. Case presentation - (Paed Medical / Surgical 01)		50
2. Case study - (Paed. medical. / surgical. 01)		50
3. Nursing care plan 03	3 x 25	75
4. Clinical evaluation of comprehensive. (paed. Medical / surgical / P.I.C.U./ N.I.C.U.)	3 X 100	300
5. Health teaching - 01		25
6. Assessment of growth & development reports. (20 marks each) (Neonate, infant, toddler, preschooler, & School age)	5 X 20	100
Observation report of NICU surgery/ Medical	1 x 25	25

Practical exam :

1. Midterm exam	50
2. Preterm exam	50
	<hr/>
	725

II External assessment : University exam :

Theory	75
Practical	50

FORMAT FOR CASE PRESENTATION

Patients Biodata: Name, address, age, sex, religion, occupation of parent, source of health care, date of admission, provisional diagnosis, date of surgery if any

Presenting complaints: Describe the complaints with which the patient has come to hospital

History of illness

History of present illness – onset, symptoms, duration, precipitating / alleviating factors

History of past illness – illnesses, surgeries, allergies, immunizations, medications

Family history – family tree, history of illness in family members, risk factors, congenital problems, psychological problems.

Childs personal data

Obstetric history of - prenatal & natal history of mother, growth and development (compare with normal), immunization status, dietary pattern including weaning, play habits, toilet training, sleep pattern, schooling.

Economic status of the family: Monthly income & expenditure on health, food and education material assets (own pucca house car, two wheeler, phone, TV etc...)

Psychological status: ethnic background, (geographical information, cultural information) support system available.

Physical examination with date and time

Investigations

Date	Investigations done	Normal value	Patient value	Inference

Treatment

Sr. No.	Drug (Pharmacological name)	Dose	Frequency / Time	Action	Side effects & drug interaction	Nursing responsibility

Description of disease

Definition, related anatomy physiology, etiology, risk factors, clinical features, management and nursing care

Clinical features of the disease condition

Clinical features present in the book	Description of clinical features of patient	Pathophysiology

Nursing process:

Patients name

Date

Ward

Date	Assessment	Nursing Diagnosis	Objective	Plan of care	Implementation	Rationale	Evaluation

Discharge planning:

It should include health education and discharge planning given to patient

Evaluation of care

Overall evaluation, problem faced while providing care prognosis of the patient and conclusion

Evaluation format for case presentation

SN	Content	Marks
1	Assessment / Introduction	05
2	Knowledge and understanding of disease	10
3	Nursing care plan	15
4	Presentation skill	10
5	A.V. aids	05
6	Overall	
	Time	01
	Summary& conclusion	02
	Bibliography	02
	Total	<u>50</u>

Format for case study

Format is similar to case presentation but should be in detail

The nursing care given to the patient should be at least for 5 continuous days

Evaluation format for case study

SN	Content	Marks
1	Assessment / Introduction	05
2	Knowledge and understanding of disease	15
3	Nursing care plan	20
4	Discharge plan	05
5	Summary & evaluation	02
6	Bibliography	03
	Total	<u>50</u>

Nursing care plan

- 1. Patients Biodata:** Name, address, age, sex, religion, occupation of parents, source of health care, date of admission, provisional diagnosis, date of surgery if any
- 2. Presenting complaints:** Describe the complaints with which the patient has come to hospital
- 3. History of illness**
 - History of present illness – onset, symptoms, duration, precipitating / alleviating factors
 - History of past illness – illnesses, surgeries, allergies, immunizations, medications
 - Family history – family tree, history of illness in family members, risk factors, congenital problems, psychological problems
- 4. Childs personal data**

Obstetric history of - prenatal & natal history of mother, growth an development (compare with normal),immunization status, dietary pattern including weaning, play habits, toilet training, sleep pattern, schooling.
- 5 Economic status:** Monthly income & expenditure on health, food and education, material assets (own pacca house car, two wheeler, phone, TV etc...)
- 6 Psychological status:** ethnic background,(geographical information, cultural information) support system available.
- 7 Personal habits:** consumption of alcohol, smoking, tobacco chewing, sleep, exercise, work elimination, nutrition.
- 8 Physical examination with date and time**
- 9 Investigations**

Date	Investigations done	Normal value	Patient value	Inference

10. Treatment

SN	Drug (pharmacological name)	Dose	Frequency/t ime	Action	Side effects & drug interaction	Nursing responsibility

11. Nursing process:

Patients name		Date			Ward		
Date	Assessment	Nursing Diagnosis	Objective	Plan of care	Implementa -tion	Rationale	Evaluation

Discharge planning:

It should include health education and discharge planning given to patient

12.Evalaution of care

Overall evaluation, problem faced while providing care prognosis of the patient and conclusion

Care plan evaluation

1. History taking	03
2. Assessment and nursing diagnosis	05
3. Planning of care	05
4. Implementation and evaluation	08
5. Follow up care	02
6. Bibliography	02

25

EVALUATION FORMAT FOR HEALTH TALK

NAME OF THE STUDENT: -----

AREA OF EXPERIENCE: _____

PERIOD OF EXPERIENCE: _____

SUPERVISOR: _____

Total 100 Marks

Scores: 5 = Excellent, 4 = Very good, 3 = Good, 2 = Satisfactory / fair, 1 = Poor

SN	Particular	1	2	3	4	5	Score
1	I) Planning and organization a) Formulation of attainable objectives b) Adequacy of content c) Organization of subject matter d) Current knowledge related to subject Matter e) Suitable A.V.Aids II) Presentation: a) Interesting b) Clear Audible c) Adequate explanation d) Effective use of A.V. Aids e) Group Involvement f) Time Limit III) Personal qualities: a) Self confidence b) Personal appearance c) Language d) Mannerism e) Self awareness of strong & weak points IV) Feed back: a) Recapitulation b) Effectiveness c) Group response V) Submits assignment on time						

* 100 marks will be converted into 25

CLINICAL EVALUATION PROFORMA

Name of the student : _____

Year : _____

Area of clinical experience : _____

Duration of posting in weeks : _____

Name of the supervisor : _____

Total Marks: - 100

Scores:- 4 = Very good, 3 = Good, 2 = Satisfactory / fair, 1 = Poor

SN	EVALUATION CRITERIA	Grades			
		4	3	2	1
I	Personal & Professional behavior				
1	Wears clean & neat uniform and well groomed.				
2	Arrives and leaves punctually				
3	Demonstrates understanding of the need for quietness in speech & manner & protects the patient from undue notice.				
4	Is notably poised and effective even in situations of stress				
5	Influential & displaced persuasive assertive leadership behaviour				
II	Attitude to Co-workers and patients				
6	Works well as member of nursing team				
7	Gives assistance to other in clinical situations				
8	Understands the child as an individual				
9	Shows skills in gaining the confidence & co-operation of child and relatives, tactful and considerate.				
IV	Application of knowledge				
10	Possess sound knowledge of pediatric conditions.				
11	Has sound knowledge of scientific principles				
12	Has knowledge of normal growth and development of children				
13	Has knowledge of current treatment modalities inclusive of medicine, surgery, pharmacology and dietetics.				
14	Takes interest in new learning from current literature & seeks help from resourceful people.				

SR NO	EVALUATION CRITERIA	Grades			
		4	3	2	1
V	Quality of clinical skill				
15	Able to elicit health history of child and family accurately.				
16	Skillful in carrying out physical examination, developmental screening and detecting deviations from normal				
17	Identifies problems & sets priorities and grasps essentials while performing duties				
18	Able to plan and implement care both preoperatively and post operatively.				
19	Applies principles in carrying out procedures & carries out duties promptly.				
20	Has technical competence in performing nursing procedures.				
21	Able to calculate and administer medicines accurately				
22	Resourceful and practices economy of time material and energy.				
23	Recognizes the role of play in children and facilitates play therapy in hospitalized children				
24	Observes carefully, reports & records signs & symptoms & other relevant information				
25	Uses opportunities to give health education to patients & relatives				
TOTAL					

Grade

Very good	=	70 % and above
Good	=	60 – 69 %
Satisfactory	=	50- 59 %
Poor	=	Below 50 %

Remarks for improvement:

Student's Remark:

Signature of the student

Signature of the teacher

Assessment of growth & development reports

(Neonate, infant, toddler, preschooler, & School age)

PROFORMA FOR ASSESSMENT OF GROWTH & DEVELOPMENT

(Age group: birth to 5 yrs.)

I] Identification Data

Name of the child :
 Age :
 Sex :
 Date of admission :
 Diagnosis :
 Type of delivery : Normal/ Instrumental/ LSCS
 Place of delivery : Hospital/ Home
 Any problem during birth : Yes/ No
 If yes, give details :
 Order of birth :

II] Growth & development of child & comparison with normal:

Anthropometry	In the child	Normal
Weight		
Height		
Chest circumference		
Head circumference		
Mid arm circumference		
Dentition		

III] Milestones of development:

Development milestones	In Child	Comparison with the normal
1. Responsive smile 2. Responds to Sound 3. Head control 4. Grasps object 5. Rolls over 6. Sits alone 7. Crawls or creeps 8. Thumb-finger co-ordination (Prehension) 9. Stands with support 10. Stands alone 11. Walks with support 12. Walks alone 13. Climbs steps 14. Runs		

IV] Social, Emotional & Language Development:

Social & emotional development	In Child	Comparison with the normal
Responds to closeness when held Smiles in recognition recognized mother coos and gurgles seated before a mirror, regards image Discriminates strangers wants more than one to play says Mamma, Papa responds to name, no or give it to me. Increasingly demanding offers cheek to be kissed can speak single word use pronouns like I, Me, You asks for food, drinks, toilet, plays with doll gives full name can help put thinks away understands differences between boy & girl washes hands feeds himself/ herself repeats with number understands under, behind, inside, outside Dresses and undresses		

V] Play habits

Child favorite toy and play:

Does he play alone or with other children?

VI] Toilet training

Is the child trained for bowel movement & if yes, at what age:

Has the child attained bladder control & if yes, at what age:

Does the child use the toilet?

VII] Nutrition

- Breast feeding (as relevant to age)
- Weaning has weaning started for the child: Yes/No If yes, at what age & specify the weaning diet. Any problems observed during weaning:

Meal pattern at home

Sample of a day's meal: Daily requirements of chief nutrients:

Breakfast:

Lunch:

Dinner

Snacks:

VIII] Immunization status & schedule of completion of immunization.

IX] Sleep pattern

How many hours does the child sleep during day and night?

Any sleep problems observed & how it is handled:

X] Schooling

Does the child attend school?

If yes, which grade and report of school performance:

XI] Parent child relationship

How much time do the parents spend with the child?

Observation of parent-child interaction

XII] Explain parental reaction to illness and hospitalization**XIII] Child's reaction to the illness & hospital team****XIV] Identification of needs on priority****XV] Conclusion****XVI] Bibliography****Evaluation Criteria: Assessment of Growth & Development (birth to 5 year)**

(Maximum Marks: 50)

S.No.	Item	Marks
1.	Adherence to format	02
2.	Skill in Physical examination & assessment	10
3.	Relevance and accuracy of data recorded	05
4.	Interpretation Identification of Needs	05
5.	Bibliography	03

Total		25

Note: - Same format to be used for assessment of infant, Toddler & Preschooler child.

PROFORMA FOR EXAMINATION AND ASSESSMENT OF NEW BORN**I] Biodata of baby and mother**

Name of the baby (if any)	:	Age
Birth weight	:	Present weight:
Mother's name	:	Period of gestation:
Date of delivery	:	
Identification band applied	:	
Type of delivery	:	Normal/ Instruments/ Operation
Place of delivery	:	Hospital/ Home
Any problems during birth	:	Yes/ No
If yes explain	:	
Antenatal history	:	
Mother's age	:	Height: Weight:
Nutritional status of mother	:	
Socio-economic background	:	

II] Examination of the baby

:

Characteristics	In the Baby	Comparison with the normal
1. Weight 2. Length 3. Head circumference 4. Chest circumference 5. Mid-arm circumference 6. Temperature 7. heart rate 8. Respiration		

III] General behavior and observations

Color :

Skin/ Lanugo :

Vernix caseosa :

Jaundice :

Cyanosis :

Rashes :

Mongolian spot :

Birth marks :

Head :

- Anterior fontanel:

- Posterior fontanel:

- Any cephalhematoma / caput succedaneum

- Forceps marks (if any) :

Face:

Eyes:

Cleft lip / palate

Ear Cartilage :

Trunk:

- Breast nodule

- Umbilical cord

- Hands :

Feet / Sole creases :

Legs

Genitalia :

Muscle tone :

Reflexes :

- Clinging

- Laughing / sneezing :

- Sucking :

- Rooting :

- Gagging :

- Grasp :

- Moro :

- Tonic neck reflex :

Cry: Good / week
APGAR scoring at birth :
First feed given :
Type of feed given :
Total requirement of fluid & calories :
Amount of feed accepted :
Special observations made during feed:
Care of skin
Care of eyes, nose, ear, mouth :
Care of umbilicus and genitalia :
Meconium passed / not passed :
Urine passed / not passed :

IV] Identification of Health Needs in Baby & Mother.

V] Health education to mother about Breast feeding

Care of skin, eye and umbilicus etc.

V] Bibliography

Evaluation Criteria: Examination & Assessment of Newborn

(Maximum Marks: 50)

S.No.	Item	Marks
1	Adherence to format	02
2	Skill in Physical examination & assessment	10
3	Relevance and accuracy of data recorded	05
4	Interpretation of Priority Needs Identification of baby & mother	06
5	Bibliography	02

Total		25

Maharashtra University of Health Sciences
External Practical Evaluation Guidelines
III Basic B.Sc Nursing
Subject : Child Health Nursing

50 Marks

Internal Examiner

25 Marks

Nursing Procedure (15 marks)

Planning and Organizing

5 marks

- Preparation of tray
- Environment
- Preparation of patient

3

1

1

Execution of Procedure

7 marks

- Applies scientific principles
- Proficiency in skill
- Ensures sequential order

3

3

1

Termination of procedure

3marks

- Makes patient comfortable
- Reports & Records
- After care of articles

1

1

1

Viva (10 Marks)

10 marks

- Knowledge about common pediatric medical surgical conditions
- Preparation of various diagnostic procedures
- Instruments and articles
- Growth and Development

3

2

2

3

External Examiner

25 Marks

Nursing Process (15 Marks)

15 marks

- Assessment
- Nursing Diagnosis
- Goal
- Outcome criteria
- Nursing intervention
- Rationale
- Evaluation
- Nurses notes

3

2

1

1

3

2

1

2

Viva (10 Marks)

10 marks

- National Health Programs for child care including IMNSI
- Behavioral and social problem in children
- Drugs
- Nursing care of neonates

2

3

3

2

Date :

MENTAL HEALTH NURSING

Time: Theory- 90 Hours

Practical – 270 Hours

Course Description:

This course is designed for developing an understanding of the modern approach to mental health, identification, prevention, rehabilitation and nursing management of common mental health problems with special emphasis on therapeutic interventions for individuals, family and community.

Specific objectives: At the end of the course student will be able to:

1. Understand the historical development and current trends in mental health nursing.
2. Comprehend and apply principles of psychiatric nursing in clinical practice.
3. Understand the etiology, psychodynamics and management of psychiatric disorders.
4. Develop competency in assessment, therapeutic communication and assisting with various treatment modalities.
5. Understand and accept psychiatric patient as an individual and develop a deeper insight into her own attitudes and emotional reactions.
6. Develop skill in providing comprehensive care to various kinds of psychiatric patients.
7. Develop understanding regarding psychiatric emergencies and crisis interventions.
8. Understand the importance of community health nursing in psychiatry.

Unit	Time (Hrs)	Learning Objective	Content	Teaching Learning Activity	Assessment Method
1	5	<ul style="list-style-type: none"> • Describes the historical development & current trends in mental health nursing • Describe the epidemiology of mental health problems • Describe the National Mental Health Act, programmes and mental health policy. • Discusses the scope of mental health nursing • Describe the concept of normal & abnormal behaviour 	<p>Introduction</p> <ul style="list-style-type: none"> • Perspectives of Mental Health and Mental Health Nursing : evolution of mental health services, treatments and nursing practices. • Prevalence and incidence of mental health problems and disorders. • Mental Health Act • National Mental health policy vis a vis National Health Policy. • National Mental Health programme. • Mental health team. • Nature and scope of mental health nursing. • Role and functions of mental health nurse in various settings and factors affecting the level of nursing practice • Concepts of normal and abnormal behaviour. 	<ul style="list-style-type: none"> • Lecture Discussion 	<ul style="list-style-type: none"> • Objective type • Short answer • Assessment of the field visit reports

2	5	<ul style="list-style-type: none"> • Defines the various terms used in mental health Nursing. • Explains the classification of mental disorders. • Explain psychodynamics of maladaptive behaviour. • Discuss the etiological factors, psychopathology of mental disorders. • Explain the Principles and standards of Mental Health Nursing. • Describe the conceptual models of mental health nursing. 	Principles and Concepts of Mental Health Nursing <ul style="list-style-type: none"> • Definition : mental health nursing and terminology used • Classification of mental disorders: ICD. • Review of personality development, defense mechanisms. • Maladaptive behaviour of individuals and groups: stress, crises and disaster(s). • Etiology: bio-psycho-social factors. • Psychopathology of mental disorders: review of structure and function of brain, limbic system and abnormal neuro transmission. • Principles of Mental health Nursing. • Standards of Mental health Nursing practice. • Conceptual models and the role of nurse : <ol style="list-style-type: none"> 1. Existential Model. 2. Psycho-analytical models. 3. Behavioral; models. 4. Interpersonal model. 	<ul style="list-style-type: none"> • Lecture discussion • Explain using Charts. • Review of personality development. 	<ul style="list-style-type: none"> • Essay type • Short answer. • Objective type
3	8	<ul style="list-style-type: none"> • Describe nature, purpose and process of assessment of mental health status 	Assessment of mental health status. <ul style="list-style-type: none"> • History taking. • Mental status examination. • Mini mental status examination. • Neurological examination: Review. • Investigations: Related Blood chemistry, EEG, CT & MRI. • Psychological tests Role and responsibilities of nurse. 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Practice session • Clinical practice 	<ul style="list-style-type: none"> • Short answer • Objective type • Assessment of skills with check list.
4	6	<ul style="list-style-type: none"> • Identify therapeutic communication techniques • Describe therapeutic relationship. 	Therapeutic communication and nurse-patient relationship <ul style="list-style-type: none"> • Therapeutic communication: types, techniques, characteristics 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Role play • Process 	<ul style="list-style-type: none"> • Short answer • Objective type

		<ul style="list-style-type: none"> Describe therapeutic impasse and its intervention. 	<ul style="list-style-type: none"> Types of relationship, Ethics and responsibilities Elements of nurse patient contract Review of technique of IPR- Johari Window Goals, phases, tasks, therapeutic techniques. Therapeutic impasse and its intervention 	recording	
5	14	<ul style="list-style-type: none"> Explain treatment modalities and therapies used in mental disorders and role of the nurse. 	<p>Treatment modalities and therapies used in mental disorders.</p> <ul style="list-style-type: none"> Psycho Pharmacology Psychological therapies : Therapeutic community, psycho therapy – Individual : psycho-analytical, cognitive & supportive, family, Group, Behavioral, Play Psycho-drama, Music, Dance, Recreational and Light therapy, Relaxation therapies : Yoga, Meditation, bio feedback. Alternative systems of medicine. Psychosocial rehabilitation process Occupational therapy. Physical Therapy: electro convulsive therapy. Geriatric considerations Role of nurse in above therapies. 	<ul style="list-style-type: none"> Lecture discussion Demonstration Group work. Practice session Clinical practice. 	<ul style="list-style-type: none"> Essay type Short answers Objective type
6	5	<ul style="list-style-type: none"> Describe the etiology, psychopathology clinical manifestations, diagnostic criteria and management of patients with Schizophrenia, and other psychotic disorders Geriatric considerations Follow-up and home care and rehabilitation. 	<ul style="list-style-type: none"> Nursing management of patient with Schizophrenia, and other psychotic disorders Classification : ICD Etiology, psychopathology, types, clinical manifestations, diagnosis Nursing Assessment-History, Physical and mental assessment. Treatment modalities and nursing management of patients with Schizophrenia and other psychotic disorders Geriatric considerations 	<ul style="list-style-type: none"> Lecture discussion Case discussion Case presentation Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Assessment of patient management problems

			<ul style="list-style-type: none"> Follow – up and home care and rehabilitation 		
7	5	<ul style="list-style-type: none"> Describe the etiology, psychopathology clinical manifestations, diagnostic criteria and management of patients with mood disorders. 	Nursing management of patient with mood disorders <ul style="list-style-type: none"> Mood disorders : Bipolar affective disorder, Mania depression and dysthymia etc. Etiology, psychopathology, clinical manifestations, diagnosis. Nursing Assessment-History, Physical and mental assessment. Treatment modalities and nursing management of patients with mood disorders Geriatric considerations Follow-up and home care and rehabilitation 	<ul style="list-style-type: none"> Lecture discussion Case discussion Case presentation Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Assessment of patient management problems
8	8	<ul style="list-style-type: none"> Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with neurotic, stress related and somatization disorders. 	Nursing management of patient with neurotic, stress related and somatization disorders <ul style="list-style-type: none"> Anxiety disorder, Phobias, Dissociation and Conversion disorder, Obsessive compulsive disorder, somatoform disorders, Post traumatic stress disorder. Etiology, psychopathology, clinical manifestations, diagnosis Nursing Assessment-History, Physical and mental assessment Treatment modalities and nursing management of patients with neurotic, stress related and somatization disorders. Geriatric considerations Follow-up and home care and rehabilitation 	<ul style="list-style-type: none"> Lecture discussion Case discussion Case presentation Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Assessment of patient management problems

9	5	<ul style="list-style-type: none"> Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with substance use disorders 	Nursing management of patient with substance use disorders <ul style="list-style-type: none"> Commonly used psychotropic substance : Classification, forms, routes, action, intoxication and withdrawal Etiology of dependence: tolerance, psychological and physical dependence, withdrawal syndrome, diagnosis, Nursing Assessment- History, Physical, mental assessment and drug assay Treatment (detoxification, antabuse and narcotic antagonist therapy and harm reduction) and nursing management of patients with substance use disorders. Geriatric considerations Follow-up and home care and rehabilitation. 	<ul style="list-style-type: none"> Lecture discussion Case discussion Case presentation Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Assessment of patient management problems
10	4	<ul style="list-style-type: none"> Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with personality, Sexual and Eating disorders 	Nursing management of patient with Personality, Sexual and Eating disorders <ul style="list-style-type: none"> Classification of disorders Etiology, psycho-pathology, characteristics, diagnosis, Nursing Assessment – History, Physical and mental assessment. Treatment modalities and nursing management of patients with Personality, Sexual and Eating disorders Geriatric considerations Follow-up and home care and rehabilitation 	<ul style="list-style-type: none"> Lecture discussion Case discussion Case presentation Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Assessment of patient management problems
11	6	<ul style="list-style-type: none"> Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of childhood and adolescent including mental deficiency 	Nursing management of childhood and adolescent disorders including mental deficiency <ul style="list-style-type: none"> Classification Etiology, psycho-pathology, characteristics, diagnosis Nursing Assessment- History, Physical, mental and IQ assessment Treatment modalities and 	<ul style="list-style-type: none"> Lecture discussion Case discussion Case presentation Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Assessment of patient management problems

			nursing management of childhood disorders including mental deficiency <ul style="list-style-type: none"> Follow-up and home care and rehabilitation 		
12	5	<ul style="list-style-type: none"> Describe the etiology psycho-pathology, clinical manifestations, diagnostic criteria and management of organic brain disorders 	Nursing management of organic brain disorders <ul style="list-style-type: none"> Classification: ICD? Etiology, psycho-pathology, clinical features, diagnosis and Differential diagnosis (parkinsons and alzheimers) Nursing Assessment- History, Physical, mental and neurological assessment Treatment modalities and nursing management of organic brain disorders Geriatric considerations Follow-up and home care and rehabilitation 	<ul style="list-style-type: none"> Lecture discussion Case discussion Care presentation Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Assessment of patient management problems
13	6	<ul style="list-style-type: none"> Identify psychiatric emergencies and carry out crisis intervention 	Psychiatric emergencies and crisis intervention <ul style="list-style-type: none"> Types of psychiatric emergencies and their management Stress adaptation Model: stress and stressor, coping, resources and mechanism Grief : Theories of grieving process, principles, techniques of counseling Types of crisis Crisis Intervention: Principles, Techniques and Process Geriatric considerations Role and responsibilities of nurse 	<ul style="list-style-type: none"> Lecture discussion Demonstration Practice session Clinical practice 	<ul style="list-style-type: none"> Short answers Objective type
14	4	<ul style="list-style-type: none"> Explain legal aspects applied in mental health settings and role of the nurse 	Legal issues in Mental Health Nursing <ul style="list-style-type: none"> The Mental Health Act 1987: Act, Sections, Articles and their implications etc. Indian lunacy Act. 1912 Rights of mentally, ill clients Forensic psychiatry Acts related to narcotic and psychotropic substances and illegal drug trafficking 	<ul style="list-style-type: none"> Lecture discussion Case discussion 	<ul style="list-style-type: none"> Short answers Objective type

			<ul style="list-style-type: none"> • Admission and discharge procedures • Role and responsibilities of nurse 		
15	4	<ul style="list-style-type: none"> • Describe the model of preventive psychiatry • Describe Community Mental health services and role of the nurse 	Community Mental Health Nursing <ul style="list-style-type: none"> • Development of Community Mental Health Services: • National Mental Health Programme • Institutionalization Versus Deinstitutionalization • Model of Preventive psychiatry :Levels of Prevention • Mental Health Services available at the primary, secondary, tertiary levels including rehabilitation and Role of nurse • Mental Health Agencies: Government and voluntary, National and International • Mental health nursing issues for special populations: Children, Adolescence, Women, Elderly, Victims of violence and abuse, Handicapped, HIV/AIDS etc. 	<ul style="list-style-type: none"> • Lecture discussion • Clinical/field practice • Field visits to mental health service agencies 	<ul style="list-style-type: none"> • Short answers • Objective type • Assessment of the field visit reports

References (Bibliography:)

1. Gail Wiscars Stuart.Michele T. Laraia. "Principles and practice of psychiatric nursing", 8th edition, , Elseveir, India Pvt.Ltd. New Delhi 2005
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3. M.S. Bhatia, A concised text Book of Psychiatric Nursing, CBS publishers and distributors, Delhi 2nd ed. 1999.
4. M.S. Bhatia, Essentials of Psychiatry, CBS publishers and distributors, Delhi
5. Mary C Townsend. "Psychiatric Mental Health Nursing". Concept of care, 4th edition. F.A.Davis Co. Philadelphia 2003.
6. Bimla Kapoor, Psychiatric nursing, Vol. I & II Kumar publishing house Delhi, 2001
7. Niraj Ahuja, A short textbook of pstchiatry, Jaypee brothers,new delhi, 2002.
8. The ICD10, Classification of mental and behavioural disorders, WHO, A.I.T.B.S. publishers, Delhi,2002
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10. Patricia, Kennedy, Ballard, "Psychiatric Nursing Integration of Theory and Practice", USA, Mc Graw Hill 1999.
11. Kathernic M. Fort in ash, Psychiatric Nursing Care plans, Mossby Year book. Toronto
12. Sheila M. Sparks, Cynthia M. Jalor, Nursing Diagnosis reference manual 5th edition, , Spring house, Corporation Pennsychiram's
13. R. Sreevani, A guide to mental health & psychiatric nursing, Jaypee brothers, Medical Publishers (ltd)_, New Delhi 1st edition.
14. R. Baby, Psychiatric Nursing N.R. Brothers, Indore, 1st edition 2001.
15. Varghese Mary, Essential of psychiatric & mental health nursing,
16. Foundations Journals of mental health nursing
17. American Journal of Psychiatry
18. Deborah Antai Otoing. "Psychiatric Nursing" Biological and behavioral concepts. Thomson. Singapore 2003
19. Mary Ann Boyd. "Psychiatric Nursing". Contemporary practice. Lippincott. Williams and Wilkins. Tokyo.

Internet Resources –

1. Internet Gateway : Psychology
<http://www.lib.uiowa.edu/gw/psych/index.html>
2. Psychoanalytic studies
<http://www.shef.ac.uk/~psyssc/psastud/index.html>
3. Psychaitric Times
<http://www.mhsource.com.psychiatrictimes.html>
4. Self-help Group sourcebook online
<http://www.cmhe.com/selfhelp>
5. National Rehabilitation Information center
<http://www.nariic.com/naric>
6. Centre for Mental Health Services
<http://www.samhsaa.gov/cmhs.htm>
7. Knowledge Exchange Network
<http://www.mentalheaalth.org/>
8. Communication skills
<http://www.personal.u-net.com/osl/m263.htm>
9. Lifeskills Resource center
<http://www.rpeurifooy.com>
10. Mental Health Net
<http://www.cmhe.com>

MENTAL HEALTH NURSING – PRACTICAL

Placement : Third Year

Time : Practical – 270 hours (9 weeks)

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
Psychiatric OPD	1	<ul style="list-style-type: none"> Assess patients with mental health problems Observe and assist in therapies Counsel and educate patient, and families 	<ul style="list-style-type: none"> History taking Perform mental status examination (MSE) Assist in Psychometric assessment Perform Neurological examination Observe and assist in therapies Teach patients and family members 	<ul style="list-style-type: none"> History taking and Mental status examination-2 Health education-1 Observation report of OPD 	<ul style="list-style-type: none"> Assess performance with rating scale Assess each skill with checklist Evaluation of health education Assessment of observation report Completion of activity record.
Child Guidance clinic	1	<ul style="list-style-type: none"> Assessment of children with various mental health problems Counsel and educate children, families and significant others 	<ul style="list-style-type: none"> History taking Assist in psychometric assessment Observe and assist in various therapies Teach family and significant others 	<ul style="list-style-type: none"> Case work – 1 Observation report of different therapies -1 	<ul style="list-style-type: none"> Assess performance with rating scale Assess each skill with checklist Evaluation of the observation report
Inpatient ward	6	<ul style="list-style-type: none"> Assess patients with mental health problems To provide nursing care for patients with various mental health problems Assist in various therapies Counsel and educate patients, families and significant 	<ul style="list-style-type: none"> History taking Perform mental status examination (MSE) Perform Neurological examination Assist in psychometric assessment Record therapeutic communication Administer medications Assist in Electro-convulsive Therapy (ECT) 	<ul style="list-style-type: none"> Give care to 2-3 patients with various mental disorders Case study-1 Care plan-2(based on nursing process) Clinical presentation I Process recording 1 Maintain drug book 	<ul style="list-style-type: none"> Assess performance with rating scale Assess each skill with checklist Evaluation of the case study care plan, clinical presentation, process recording Completion of activity record.

		others	<ul style="list-style-type: none"> • Participate in all therapies • Prepare patients for Activities of Daily living (ADL) • Conduct admission and discharge counseling • Counsel and teach patients and families 		
Community psychiatry	1	<ul style="list-style-type: none"> • To identify patients with various mental disorders • To motivate patients for early treatment and follow up • To assist in follow up clinic • Counsel and educate patient, family and community 	<ul style="list-style-type: none"> • Conduct case work • Identify individuals with mental health problems • Assists in mental health camps and clinics • Counsel and Teach family members, patients and community 	<ul style="list-style-type: none"> • Case work – 1 • Observation report on field visits 	<ul style="list-style-type: none"> • Assess performance with rating scale • Evaluation of case work and observation report • Completion of activity record

Evaluation

Evaluation

Internal assessment

Theory

Maximum marks 25

Midterm

50

Prefinal

75

Total 125

Practical

Maximum marks 50

Nursing care plan

2 x 25

50

Case presentation

1x 50

50

Case study

1x 50

50

Health teaching

1 x 25

25

History taking & mental status examination
& process recording

2 x 50

100

Observation report of various therapies in psychiatry

1x 25

25

Clinical Evaluation

2 x 100

200

Total marks

500

Practical examination

mid term

50

prefinal

50

(600)

Total mark

100

University examination

Theory

75

Practical

50

NURSING CARE PLAN

1. **Patients Biodata:** Name, sex, bed No., hosp Reg. No, marital status, religion, literacy, language, nationality, identification mark, address, date of admission, method of admission, date of discharge, duration of hospitalization, final diagnosis, informant.
Presenting complaints: Describe the complaints with which the patient has come to hospital
2. **History of illness:** This includes the following data such as presenting complaints with duration, history of presenting complaints, past history of illness, personal history, legal history, family history, personality (Personality prior to illness)
3. **History of present illness** – onset, symptoms, duration, precipitating / alleviating factors nature of problem, associated problems (disturbance in sleep, appetite, wt), effect of present illness on ADL, patients understanding regarding present problem

History of past illness – illnesses, surgeries, allergies, immunizations, medications, history of past hospitalization for psychiatric illness, any complication e.g. suicidal attempt, completeness of recovery.

Personal history: Birth, early development, educational, occupational, menstrual, sexual, marital, religious, social activity, interests and hobbies.

Legal history: any arrest imprisonment, divorce etc...

Family history – family tree, type of family, parental history, occupation, history of illness in family members, risk factors, congenital problems, psychological problems, family dynamics, family events (initiating and exacerbating illness)

Personality history: personality traits, habits, hobbies, interest, belief, attitudes, social relationship, coping resources, alcohol or drug use, any criminal record.

4 Mental status examination with conclusion

5. Investigations

Date	Investigations done	Normal value	Patient value	Inference

6. Treatment

SN	Drug (Pharmacological name)	Dose	Frequency/ Time	Action	Side effects & drug interaction	Nursing responsibility

Other modalities of treatment in detail

7. Nursing process:

Patients name		Date			Ward		
Date	Assessment	Nursing Diagnosis	Objective	Plan of care	Implementa – tion	Rationale	Evaluation

Discharge planning:

It should include health education and discharge planning given to patient

8. Evaluation of care

Overall evaluation, problem faced while providing care prognosis of the patient and conclusion

Care plan evaluation

EVALUATION CRITERIA FOR NURSING CARE PLAN –

S.No.	Topic	Max Marks
1.	History	05
2.	M.S.E. & Diagnosis	05
3.	Management & Nursing. Process	10
4.	Discharge planning and evaluation	03
5.	Bibliography	02
TOTAL		25

FORMAT FOR CASE PRESENTATION

- 1. Patients Biodata:** Name, sex, bed No., hosp Reg. No, marital status, religion, literacy, language, nationality, identification mark, address, date of admission, method of admission, date of discharge, duration of hospitalization, final diagnosis, informant.
- 2. Presenting complaints:** Describe the complaints with which the patient has come to hospital
- 3. History of illness:** This includes the following data such as presenting complaints with duration, history of presenting complaints, past history of illness, personal history, legal history, family history, personality (Personality prior to illness)

a. History of present illness – onset, symptoms, duration, precipitating / alleviating factors nature of problem, associated problems (disturbance in sleep, appetite, wt), effect of present illness on ADL, patients understanding regarding present problem

b. History of past illness – illnesses, surgeries, allergies, immunizations, medications, history of past hospitalization for psychiatric illness, any complication e.g. suicidal attempt, completeness of recovery.

c. Personal history: Birth, early development, educational, occupational, menstrual, sexual, marital, religious, social activity, interests and hobbies.

d. Legal history: any arrest imprisonment, divorce etc...

e. Family history – family tree, type of family, parental history, occupation, history of illness in family members, risk factors, congenital problems, psychological problems, family dynamics, family events (initiating and exacerbating illness)

f. Personality history: personality traits, habits, hobbies, interest, belief, attitudes, social relationship, coping resources, alcohol or drug use, any criminal record.

4. Mental status examination with conclusion

5. Description of disease

Definition, etiology, risk factors, clinical features, management and nursing care
Clinical features of the disease condition

Clinical features present in the book	Description of clinical features of patient	Pathophysiology

6. Investigations

Date	Investigations done	Normal value	Patient value	Inference

7. Treatment

SN	Drug (Pharmacological name)	Dose	Frequency/ time	Action	Side effects & drug interaction	Nursing responsibility

Other modalities of treatment in detail

8. Nursing process:

Patients name		Date		Ward			
Date	Assessment	Nursing Diagnosis	Objective	Plan of care	Implementa- tion	Rationale	Evaluation

Discharge planning:

It should include health education and discharge planning given to patient

9. Evaluation of care

Overall evaluation, problem faced while providing care prognosis of the patient and conclusion

EVALUATION CRITERIA FOR CASE PRESENTATION –

S.No.	Topic	Max Marks
1.	Orientation of History	10
2.	M.S.E.	10
3.	Summarization & Formulation of diagnosis	10
4.	Management & evaluation of care	10
5.	Style of presentation	05
6.	Bibliography	05
TOTAL		50

Format for case study

Format is similar to case presentation but should be in detail

The nursing care given to the patient should be at least for 5 continuous days

Evaluation format for case study

Sr.No.	Content	Marks
1	History & MSE	10
2	Knowledge and understanding of disease	15
3	Nursing care plan	20
4	Discharge plan& evaluation	02
5	Bibliography	03
Total		50

EVALUATION FORMAT FOR HEALTH TALK

NAME OF THE STUDENT : _____

AREA OF EXPERIENCE : _____

PERIOD OF EXPERIENCE : _____

SUPERVISOR : _____

Total 100 Marks

Scores: 5 = Excellent, 4 = Very good, 3 = Good, 2 = Satisfactory / fair, 1 = Poor

Sr. No.	Particular	1	2	3	4	5	Score
1	I) Planning and organization a) Formulation of attainable objectives b) Adequacy of content c) Organization of subject matter d) Current knowledge related to subject Matter e) Suitable A.V.Aids II) Presentation: a) Interesting b) Clear Audible c) Adequate explanation d) Effective use of A.V. Aids e) Group Involvement f) Time Limit III) Personal qualities: a) Self confidence b) Personal appearance c) Language d) Mannerism e) Self awareness of strong & weak points IV) Feed back: a) Recapitulation b) Effectiveness c) Group response V) Submits assignment on time						

* 100 marks will be converted into 25

FORMAT FOR PSYCHIATRIC CASE HISTORY MENTAL STATUS EXAMINATION & PROCESS RECORDING

PSYCHIATRIC CASE HISTORY

- Biodata of the Patient
- Informant
- Reability
- Reason for referral
- Chief complaints with duration
- History of present illness
- History of past illness
- Family history of illness

a. Family history

(Draw family tree, write about each family members & relations with patient mention any history of mental illness, epilepsy renouncing the world.)

b. Socio-economic data

- Personal History
 1. Prenatal and perinatal
 2. Early Childhood
 3. Middle Childhood
 4. Late childhood
 5. Adulthood

b. Education History

c. Occupational History

d. Marital History

e. Sexual History

f. Religion

g. Social activity, interests and hobbies.

- Pre-morbid personality
- Physical examination
- Diagnosis & identification of psychosocial stressors

EVALUATION CRITERIA FOR PSYCLATRIC CASE HISTORY-

S.No.	Topic	Max Marks
1.	Format	02
2.	Organisation of history of present illness	05
3.	Past History of illness	03
4.	Family history of illness	03
5.	Pre morbid personality	03
6.	Examination	02
7.	Diagnosis	02
TOTAL		20

Mental Status Examination

1. General Appearance & behaviour & grooming:
 - LOC- Conscious/ semiconscious/ unconscious
 - Body Built- Thin
Moderate
Obese
 - Hygiene- Good
Fair
Poor
 - Dress- Proper/clean
According to the season
Poor-Untidy, Eccentric, Inappropriate.
 - Hair- Good Combined in position.
Fair
Poor
Disheveled
 - Facial expression-
Anxious
Depressed
Not interested
Sad looking
Calm
Quiet
Happy
Healthy/Sickly
Maintains eye contact
Young / Old
Any other
2. Attitude:-

Cooperative	Seductive
Friendly (mania)	1. Attention seeking
Trustful (mania)	2. Dramatic
Attentive	3. Emotional
Interested	Evasive
Negativistic	Defensive
Resistive	Guarded) Paranoia
Non-caring	
Any other	
3. Posture:-
 - Good – Straight/proper
 - Relaxed
 - Rigid/Tense/Unsteady
 - Bizarre Position
 - Improper – Explain
4. Gait, Carriage & Psychomotor activities:-
 - Walks straight / coordinated movements
 - Uncoordinated movements
 - Mannerism / Stereotypes / Echolalia
 - Purposeless/hyperactivity/aimless/purposeless activity
 - Hypo activity/Tremors/Dystonia
 - Any other

5. Mood and affect:-

Mood- Pervasive & sustained emotions that columns the person's perception of the world

Range of mood: Adequate
Inadequate
Constricted
Blunt (sp)
Labile
(Frequent changes)

Affect: Emotional state of mind, person's present emotional response.

Congruent / In congruent

Relevance/Irrelevant

Appropriateness-according to situations

Inappropriate- Excited

Not responding

Sad

Withdrawn

Depressed

Any other

6. Stability & range of mood:

Extreme

Normal

Any other

7. Voice & speech / stream of talk:

Language- Written

Spoken

Intensity- Above normal

Normal

Below normal

Quantity-Above normal

Normal

Below normal

Quality- Appropriate

Inappropriate

Rate of production:- Appropriate / Inappropriate

Relevance- Relevant / Irrelevant

Reaction time-Immediate / Delayed

Vocabulary- Good / Fair /Poor

Rate, quality, amount and form:- under pressure, retarded, blocked, relevant, logical, coherent, concise, illogical, disorganized, flight of ideas, neologisms, word salad. Circumstantialities, Rhyming, punning, loud. Whispered. Screaming etc.

8. Perception:-

The way we perceive our environment with senses

Normal/Abnormal

A) Illusion:- misinterpretation of perception

B) Hallucination:- False perception in absence of stimuli.

1. Visual-not in psychiatric – Organic Brain Disorder.

2. Auditory

a. Single

b. Conversation

c. Command

3. Kinaesthetic hallucinations: Feeling movement when none occurs.

C) Depersonalization and derealization

d) Other abnormal perceptions

Déjà vu/Deja pense/Deja entendu/Deja raconte/Deja eprouve/
Deja fait/Jamais

9. Thought process / thinking

At formation level-

At content – continuity / lack of continuity

I. At progress level / stream

a. Disorders of Tempo

* Schizophrenia talking-Epilepsy

- Loose association

- Thought block

- Flight of ideas

* Circumstantial talking – Epilepsy

* Tangential-taking with out any conclusion

* Neologism – New words invented by patients.

* Incoherence

b. Disorders of continuity

* Perseveration:- Repetition of the same words over and over again.

* Blocking:- Thinking process stops altogether.

* Echolalia: - Repetition of the interviewer's word like a parrot.

II. Possession and control

* Obsessions: - Persistent occurrence of ideas, thoughts, images, impulses or phobias.

* Phobias: - Persistent, excessive, irrational fear about a real or an imaginary object, place or a situation.

* Thought alienation:- The patient thinks that others are participating in his thinking.

* Suicidal/homicidal thoughts.

III. Content:-

* Primary Delusion:- Fixed unshakable false beliefs, and they cannot be explained on the basis of reality.

* Delusional mood

* Delusional perception

* Sudden delusional ideas

* Secondary delusion

Content of Delusions:-

- Persecution.
- Self reference
- Innocence
- Grandiosity
- Ill health or Somatic function
- Guilt
- Nihilism
- Poverty
- Love or erotomania
- Jealousy or infidelity

10. Judgement:-

According to the situation

e.g.(If one inmate accidentally falls in a well and you do)

11. Insight:-

- Awareness
- Reason for hospitalization
- Accepts / Not accepts / Accepts fees treatment not required
- Types - Intellectual-awareness at mental level
 - Emotional – aware and accepts
- Duration

12. Orientation:-

- Oriented to – time
- Place
- Person

13. Memory:-

- Fairs / Festival
- Surrounding environment
- PM of country
- CM of state

15. Attention:-

- Normal
- Moderate
- Poor attention
- Any other

16. Concentration:-

- Good
- Fair
- Poor
- Any other

17. Special points:-

- Bowel & bladder habits
- Appetite
- Sleep
- Libido
- Any other

Instructions for filling the MSE format:

1. Tick wherever relevant
2. Write brief observations wherever relevant
3. Based on the observations make the final conclusion

EVALUATION CRITERIA FOR M.S.E.

S.NO	TOPIC	MAX MARKS
1.	Format	01
2.	Content (Administration of test and inference)	06
3.	Examination skill	02
4.	Bibliography	01
TOTAL		10

EVALUATION FORMAT PROCESS RECORDING

1. Identification data of the patient.
2. Presenting Complaints
 - a. According to patient
 - b. According to relative
3. History of presenting complaints
4. Aims and objectives of interview
 - a. Patients point of view
 - b. Students point of view

5. 1st Interview

Date

Time

Duration

Specific objective

Sr.No.	Participants	Conversation	Inference	Technique used

6. Summary
 - Summary of inferences
 - Introspection
 - Interview techniques used: Therapeutic/Non therapeutic
7. Over all presentation & understanding.
8. Termination.

Evaluation format of process recording

History taking	02
Interview technique	03
Inferences drawn from interview	03
Overall understanding	02

Total marks 10

Observation report of various therapies

ECT CARE STUDY

Select a patient who has to get electro convulsive therapy

Preparation of articles for ECT

Preparation of physical set up

- Waiting room
- ECT room
- Recovery room

Preparation of patient prior to ECT

Helping the patient to undergo ECT

Care of patient after ECT

Recording of care of patient after ECT

ECT Chart –

Name –

Diagnosis –

Age –

Sex –

Bed No. –

TPR/BP –

Time of ECT –

Patient received back at –

Time	Pulse	Respiration	Blood pressure	Level of Consciousness	Remarks

OBSERVATION REPORT – GROUP THERAPY

(Can be written in the form of report)

1. Name of the Hospital –
2. Ward No. –
3. No. of patients in the ward –
4. No. of male patients in the ward –
5. No. of female patients in the ward –
6. No. of patients for group therapy
7. Objectives of group therapy –
8. Size of the group –
9. Diagnosis of patients in the group –
10. Heterogenous group –
11. Homogenous group –
12. Procedure followed –
 - a. Introduction
 - b. Physical set up
 - c. Maintenance of confidentiality & privacy
13. Content of group therapy –
14. Summary of group therapy –
15. Remarks –

Evaluation criteria for group therapy

Introduction to therapy	02
Purposes of therapy	03
Preparation for therapy	05
Care during therapy	05
Care after therapy	05
Recording	05

Total	25
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CLINICAL POSTING EVALUATION

Name of the student : _____

Year : _____

Area of clinical experience : _____

Duration of posting in weeks : _____

Name of the supervisor : _____

Total Marks: - 100

Scores:- 5 = excellent , 4 = Very good, 3 = Good, 2 = Satisfactory / fair, 1 = Poor

SN	EVALUATION CRITERIA	Grades				
		5	4	3	2	1
I	Understanding of patient as a person					
	A] Approach					
	1] Rapport with patient (family)relatives					
	2] Has she collected all information regarding the patient/family.					
	B] Understanding patients health problems					
	1] Knowledge about the disease of patient					
	2] Knowledge about investigations done for disease.					
	3] Knowledge about treatment given to patient					
	4] Knowledge about progress of patients					
II	Planning care.					
	1] Correct observation of patient					
	2] Assessment of the condition of patient					
	3] Identification of the patients needs					
	4] Individualization of planning to meet specific health needs of the patient.					
	5] Identification of priorities					
III	Teaching skill.					
	1] Economical and safe adaptation to the situation available facilities					
	2] Implements the procedure with skill/speed, completeness.					
	3] Scientific knowledge about the procedure.					
IV	Health talk					
	1] Incidental/planned teaching (Implements teaching principles)					
	2] Uses visual aids appropriately					
V	Personality					
	1] Professional appearance (Uniform, dignity, helpfulness, interpersonal relationship, punctuality, etc.)					
	2] Sincerity, honesty, sense of responsibility					

Remarks of supervision in terms of professional strength and weakness

Sign of the student

Sign of the Supervisor

DRUG BOOK / STUDY

Generic Name	Dosage	Form/Strength Inj/Tab/Syrup	Action of Drug	Indication	Contraindication	Side effects	Nursing Implications/ Responsibilities

Maharashtra University of Health Sciences
External Practical Evaluation Guidelines
III Basic B.Sc Nursing
Subject:-Mental Health Nursing

50 Marks

Internal Examiner

25 Marks

Nursing Process (15 marks)

15 marks

- | | |
|------------------------|---|
| • Assessment | 3 |
| • Nursing Diagnosis | 2 |
| • Goal | 1 |
| • Outcome criteria | 1 |
| • Nursing intervention | 3 |
| • Rationale | 2 |
| • Evaluation | 1 |
| • Nurses notes | 2 |

Viva (10 Marks)

10 Marks

- | | |
|---|---|
| • Knowledge about common psychiatric conditions
(psychotic, moods disorders) | 5 |
| • Therapies used in mental disorders | 2 |
| • Drugs used in psychiatric disorders | 3 |

External Examiner

25 Marks

Mental Status Examination (15 Marks)

15 marks

- | | |
|--|---|
| • General appearance, behavior. | 2 |
| • Mood and affect | 2 |
| • Thought Process and speech | 4 |
| • Perception | 2 |
| • Cognitive function (memory, orientation, attention, concentration,
Intelligence, Abstraction) | 3 |
| • Insight and Judgment | 2 |

Viva (10 Marks)

10 Marks

- | | |
|---|---|
| • Knowledge about common psychiatric conditions
(neurotic, stress related disorders, substance abuse, personality,
sexual and eating disorders) } | 3 |
| • National Mental Health Programs | 2 |
| • Community-based Care | 3 |
| • Therapeutic Approach | 2 |

MENTAL HEALTH NURSING PRACTICAL EXAMINATION
PRACTICAL / ORAL MARK LIST

NAME OF THE EXAMINATION : MENTAL HEALTH NURSING PRACTICALS

MONTH :

YEAR:

THIRD YEAR Basic B. Sc NURSING :

MARKS : 50

SUBJECT : MENTAL HEALTH NURSING

CENTRE :

[illegible]

Signature of the Internal Examiner

Signature of the External Examiner

Date :

Date :

MIDWIFERY AND OBSTETRICAL NURSING

Placement: Third Year (N)

**Time: Theory-90 Hours
Practical-180 Hours
(+ 180 hours of 4th year)**

Course Description:

This course is designed for students to appreciate the concepts and principles of Midwifery and obstetrical nursing. It helps them to acquire knowledge and skills in rendering nursing care to normal and high risk pregnant woman during antenatal, natal and post natal periods in hospitals and community settings. It also helps to develop skills in managing normal and high-risk neonates and participate in family welfare programme.

Specific objectives: At the end of the course student will be able to:

1. Describe the normal pregnancy, labor and puerperium and demonstrate the application of knowledge and skill in giving need –based care.
2. Demonstrate safe management of all stages of labour.
3. Identify the high risk factor during pregnancy, labor and puerperium as well as neonates and take appropriate interventions.
4. Motivate the mother for care of the baby and adapting family planning methods to maintain small family norms.
5. Prepare the mothers for self care during the pregnancy, labor and puerperium.

Unit	Time (Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment Method
1	5	<ul style="list-style-type: none">• Recognize the trends and issues in midwifery and obstetrical Nursing	<p>Introduction to midwifery and obstetrical Nursing</p> <ul style="list-style-type: none">• Introduction to concepts of Midwifery and obstetrical nursing.• Trends in Midwifery and obstetrical nursing.□ Historical perspectives and current trends.□ Legal and ethical aspects□ Pre-conception care and preparing for parenthood□ Role of nurse in midwifery and obstetrical care.□ National policy and legislation in relation to maternal health & welfare□ Maternal, morbidity, mortality rates□ Perinatal, morbidity & mortality rates	<ul style="list-style-type: none">* Lecture discussion* Explain using Charts and graphs	<ul style="list-style-type: none">*Short answers*Objective type

Unit	Time (Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment Method
II	8 •	Describe the anatomy and physiology of female reproductive system	Review of anatomy and physiology of female reproductive system and foetal development <ul style="list-style-type: none"> Female pelvis-general description of the bones joints, ligaments, planes of the pelvis diameters of the true pelvis important landmarks, variations in pelvis shape. Female organs of reproduction-external genitalia, internal genital organs and their anatomical relations, musculature-blood- supply, nerves, lymphatics, pelvic cellular tissue, pelvic peritoneum. Physiology of menstrual cycle Human sexuality Foetal development <ul style="list-style-type: none"> Conception Review of fertilization, implantation (embedding of the ovum), development of the embryo and placenta at term-function, abnormalities, the foetal sac, amniotic fluid, the umbilical chord, Foetal circulation, foetal skull, bones, sutures and measurements. Review of Genetics 	*Lecture discussion *Review with charts and models	*Short answers *Objective type

Unit	Time (Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment Method
III	8	<ul style="list-style-type: none"> Describe the Diagnosis and management of women during antenatal period. 	<p>Assessment and management of pregnancy (ante-natal)</p> <ul style="list-style-type: none"> Normal pregnancy Psychological changes during pregnancy. <ul style="list-style-type: none"> Reproductive system Cardio vascular system Respiratory system Urinary system Gastro intestinal system Metabolic changes Skeletal changes Skin changes Endocrine system Psychological changes Discomforts of pregnancy Diagnosis of pregnancy Diagnosis of pregnancy <ul style="list-style-type: none"> Signs Differential diagnosis Confirmatory tests Ante-natal care Objectives Assessment <p>History and physical examination</p> <ul style="list-style-type: none"> Antenatal Examination Signs of previous child-birth <ul style="list-style-type: none"> Relationship of foetus to uterus and pelvis: Lie, Attitude, Presentation, Position Per vaginal examination * Screening and assessment for high risk: * Risk approach History and Physical Examination <p>Modalities of diagnosis; Invasive & Non- Invasive & ultrasonic, cardiotomography, NST, CST</p>	<ul style="list-style-type: none"> Lecture discussion Demonstration Case discussion/presentation Health talk Practice session Supervised Clinical practice 	<ul style="list-style-type: none"> Short answers Objective type Assessment of skills with check list *Assessment of patient management problems

Unit	Time (Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment Method
			<ul style="list-style-type: none"> Antenatal preparation <ul style="list-style-type: none"> Antenatal counseling Antenatal exercises Diet Substance use Education for child-birth Husband and families Preparation for safe-confinement Prevention from radiation <ul style="list-style-type: none"> Psycho-social and cultural aspects of pregnancy Adjustment to pregnancy Unwed mother Single parent Teenage pregnancy Sexual violence * Adoption 		
IV	12	<ul style="list-style-type: none"> Describe the physiology and stages of labour. Describe the signs & symptoms of onset of labour Describe the management of labour during intranatal period 	<p>Assessment and management of intra-natal period.</p> <ul style="list-style-type: none"> Physiology of labour, mechanism of labour. Management of labour <ul style="list-style-type: none"> First stage <ul style="list-style-type: none"> Signs & symptoms of onset of labour Preparation of: <ul style="list-style-type: none"> ✓ Labour room ✓ Woman -Assessment and observation of women in labour; partogram – maternal & foetal monitoring - Active management of labour, Induction of labour - Pain relief & comfort in Labor Second stage <ul style="list-style-type: none"> Signs and symptoms; normal & abnormal Duration Conduct of delivery; Principles & techniques Episiotomy (only if required) 	<ul style="list-style-type: none"> Lecture discussion Demonstration Practice session Supervised Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Objective type Assessment of skills with check list *Assessment of patient management problems

Unit	Time (Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment Method
			<ul style="list-style-type: none"> □ Receiving the new born <ul style="list-style-type: none"> - Neonatal resuscitation initial steps & subsequent resuscitation - Care of umbilical cord - Immediate assessment including screening for congenital anomalies - Identification - Bonding - Initiate feeding - Screening and transportation of the neonate • Third Stage <ul style="list-style-type: none"> □ Signs and symptoms; normal and abnormal □ Duration □ Method of placenta expulsion □ Management; Principles and techniques □ Examination of the placenta □ Examination of perineum □ Maintaining records & reports <p>Fourth Stage</p>		
V	5	<ul style="list-style-type: none"> • Describe the physiology of puerperium • Describe the management of women during post-natal period 	<p>Assessment and management of women during post natal period</p> <ul style="list-style-type: none"> • Normal puerperium; Physiology Duration • Postnatal assessment and management □ Promoting physical & emotional well being □ Lactation management □ Immunization <ul style="list-style-type: none"> • Family dynamics after child-birth. • Family welfare services; methods, counseling • Follow – up • Records and reports 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Health talk • Practice session • Supervised Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problems

Unit	Time (Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment Method
VI	6	<ul style="list-style-type: none"> Describe the assessment and management of normal neonate 	Assessment and management of normal neonates. <ul style="list-style-type: none"> Normal neonates; <ul style="list-style-type: none"> Physiological adaptation, Initial & Daily assessment Essential newborn care ; Thermal control, Breast feeding, prevention of infections Immunization Minor disorders of newborn and its management Levels of neonatal care (level I,II& III) At primary, secondary and tertiary levels Maintenance of Reports & Records 	<ul style="list-style-type: none"> Lecture discussion Demonstration Practice session Supervised Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Objective type Assessment of skills with check list *Assessment of patient management problems
VII	10	<ul style="list-style-type: none"> Describe the identification and management of women with high risk pregnancy 	High risk pregnancy-assessment & management <ul style="list-style-type: none"> Screening & assessment <ul style="list-style-type: none"> Ultrasonics, cardiotomography, NST, CST,non-invasive & invasive, Newer modalities of diagnosis High – risk approach Levels of care ; primary, secondary & tertiary levels Disorders of pregnancy <ul style="list-style-type: none"> Hyper- emesis gravidarum, bleeding in early pregnancy, abortion, ectopic. Pregnancy, vesicular mole, Ante-partum haemorrhage Uterine abnormality and displacement. Diseases complicating pregnancy <ul style="list-style-type: none"> Medical & surgical conditions Infections, RTI(STD), UTI,HIV, TORCH Gynecological diseases complicating pregnancy 	<ul style="list-style-type: none"> Lecture discussion Demonstration Practice session Supervised Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Objective type Assessment of skills with check list Assessment of patient management problems

			<ul style="list-style-type: none"> □ Pregnancy induced hypertension & diabetes, Toxemia of pregnancy, Hydramnios, □ Rh incompatibility □ Mental disorders • Adolescent pregnancy, Elderly primi and grand multipara • Multiple Pregnancy • Abnormalities of placenta & cord • Intra – uterine growth – retardation • Nursing management of mothers with high- risk pregnancy • Maintenance of Records & Report 		
VIII	10	<ul style="list-style-type: none"> • Describe management of abnormal labour. • And Obstetrical emergencies 	<p>Abnormal Labour- Assessment and management</p> <ul style="list-style-type: none"> • Disorders in labour □ CPD & contracted pelvis □ Malpositions and malpresentations <ul style="list-style-type: none"> □ Premature labour, disorders of uterine actions –precipitate labour prolonged labour □ Complications of third stage: injuries to birth canal *Obstetrical emergencies and their management; □ Presentation & prolapse of cord, Vasa praevia, amniotic fluid embolism rupture of uterus, shoulder dystocia, obstetrical shock • Obstetrical procedures & operations; □ Induction of labour, forceps, vacuum version, manual removal of placenta, caesarean section, destructive operations 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Supervised Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problems

			* Nursing management of women undergoing Obstetrical operations and procedures		
IX	4	*Describe management of postnatal complications	Abnormalities during postnatal periods <ul style="list-style-type: none"> • Assessment and management of woman with postnatal complications □ Puerperial infections, breast engorgement & infections, UTI, thrombi-Embolic disorders, Post-partum haemorrhage, Eclampsia and sub involution, □ Psychological complications: <ul style="list-style-type: none"> - Post partum Blues - Post partum Depression - Post partum Psychosis 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Supervised Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problems

Unit	Time (Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment Method
X	8	* Identify the high risk neonates and their nursing management	Assessment and Management High risk newborn. <ul style="list-style-type: none"> • Admission of neonates in the neonatal intensive care units protocols • Nursing management of : <ul style="list-style-type: none"> - Low birth weight babies - Infections - Respiratory problems - Haemolytic disorders - Birth injuries - Malformations • Monitoring of high risk neonates • Feeding of high risk neonates • Organization & Management of neonatal intensive care units • Maintenance of reports and records 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Supervised Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problems
XI	4	* Describe indication, dosage, action, side effects & nurses responsibilities in the administration of drugs used for mothers.	Pharmaco- therapeutics in obstetrics <ul style="list-style-type: none"> • Indication, dosage, action contra indication & side effects of drugs • Effect of drugs on pregnancy, labour & puerperium, • Nursing responsibilities in the administration of drug in Obstetrics – Oxytocins, antihypertensives, diuretics tocolytic agents, anti-convulsants; • Analgesics and anesthetics in obstetrics. • Effects of maternal medication on foetus & neonate 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Supervised Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problems

Unit	Time (Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment Method
XII	10	<ul style="list-style-type: none"> • Appreciate the importance of family welfare programme • Describe the methods of contraception & role of nurse in family welfare programme 	Family welfare programme <ul style="list-style-type: none"> • Population trends and problems in India • Concepts, aims, importance and history of family welfare programme • National Population: dynamics, policy & education • National family welfare programme; RCH, ICDS, MCH. Safe motherhood • Organization and administration ; at national state, district, block and village levels • Methods of contraception; spacing, temporary& permanent, Emergency contraception • Infertility & its management • Counseling for family welfare programme • Latest research in contraception • Maintenance of vital statistics • Role of national ,international and voluntary organizations • Role of a nurse in family welfare programme • Training / Supervision/ Collaboration with other functionaries in community like ANMs. LHVs, Anganwadi workers, TBAs(Traditional birth attendant-Dai) 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Supervised • Practice • Group Project 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problems

REFERENCE

1. DUTTA-

-Text book of Obstetrics 4th Ed.,

-Text book of Gynecology 3rd ed.,

2. C.S.DAWN-

- Textbook of Gynecology Contraception and Demography 13th ed.,

3. BOBAK JENSEN-

- Essentials of Maternity Nursing 3rd ed.,

4. LONGMAN

- Clinical Obstetrics 9th ed.,

5. CAMPBELL

-Gynecology by ten teachers 17th ed.,

6. MYLES

- Text book of Midwives 14th ed.,

Practical

Placement: Third Year

Time: Practical-180 Hours (Third year)

Fourth Year

Practical 180 hrs (Fourth year)

Areas	Duration (Weeks)	Objectives	Skills	Assessments	Assessment Methods
Antenatal Clinic/OPD	2	* Assessment of pregnant women	<ul style="list-style-type: none"> • Antenatal history taking • Physical Examination • Recording of weight & B.P • Hb & Urine testing for sugar and albumin • Antenatal examination- abdomen & breast • Immunization • Assessment of risk status • Teaching antenatal mothers • Maintenance of Antenatal records 	*Conduct Antenatal *Examinations 30 <ul style="list-style-type: none"> • Health talk-1 • Case book recordings 	*Verification of findings of Antenatal examinations * Completion of casebook recordings
Post natal ward	4	<ul style="list-style-type: none"> • Provide nursing care to post natal mother & baby • Counsel & teach mother & family for parent hood 	<ul style="list-style-type: none"> • Examination & assessment of mother & baby • Identification of deviations • Care of postnatal mother & baby • Perineal care • Lactation management • Breast feeding • Babybath • Immunization, • Teaching postnatal mother: <ul style="list-style-type: none"> ❑ Mother craft ❑ Post natal care & ❑ Exercises ❑ Immunization 	<ul style="list-style-type: none"> • Give care to post natal mothers-20 • Health talks-1 • Case study-1 • Case presentation-1 • Case book recordings 	<ul style="list-style-type: none"> • Assessment of clinical performance • Assessment of each skill with checklists • Completion of case book recording • Evaluation of case study and presentation and health education sessions

Areas	Duration (week)	Objectives	Skills	Assessments	Assessment Methods
Newborn nursery	2	*Provide nursing care to Newborn at risk	<ul style="list-style-type: none"> • Newborn assessment • Admission of neonates • Feeding of at risk neonates □ Katori spoon, paladi, tube feeding, total parenteral nutrition • Thermal management of neonates-kangaroo mother care, care of baby in incubator • Monitoring and care of neonates • Administering medications • Intravenous therapy • Assisting with diagnostic procedure • Assisting with exchange transfusion • Care of baby on ventilator • Phototherapy • Infection control protocols in the nursery • Teaching & counseling of parents • Maintenance of neonatal records 	<ul style="list-style-type: none"> • Case study-1 • Observation study-1 	<ul style="list-style-type: none"> *Assessment of clinical performance • Assessment of each skill with checklists <p>Evaluation of & Observation study</p>
Family Planning clinic	Rotation from post natal ward 1 wk	<ul style="list-style-type: none"> • Counsel for & provide family welfare services 	<ul style="list-style-type: none"> • Counselling technique • Insertion of IUD • Teaching on use of family planning methods • Arrange for & Assist with family planning operations • Maintenance of records and reports 	<ul style="list-style-type: none"> • IUD insertion-5 • Observation Study-1 • Counselling -2 • Simulation exercise on recording and reporting-1 	<ul style="list-style-type: none"> • Assessment of each skill with checklists • Evaluation of & Observation study

MIDWIFERY & OBSTETRIC PRACTICE

HOURS:

Hours prescribed	III year (Hours)	IV year (Hours)	Integr. Practice (Hours)
Theory	90	-	-
Practical	180	180	240
TOTAL HRS :	THEORY	90 + PRACTICAL	600

EXAMINATIONS:

		THEORY			PRACTICAL	
	Marks	III year	IV year	Marks	III year	IV year
Viva	--	--	--	50	√	--
Midterm	50	√	-	50	--	√
Pre final	75	-	√	50	-	√
TOTAL		125			150	

ASSIGNMENTS:

THEORY				
NO	ASSIGNMENT	MARKS	III YEAR	IV YEAR
1	Seminar	50	√	-
2	Drug study	50	-	√
	TOTAL	100	-	-

NO	ASSIGNMENT / CLINICAL EVALUATION	NUMBER	MARKS	PLACEMENT
1	Health talk	1	25	III
2	Care study: ANC	1	50	IV
	PNC	1	50	IV
	New born	1	50	IV
3	Case presentation: ANC / PNC	1	50	IV
4	New born assessment	1	25	III
5	Case book	1	100	III, IV, I.P
6	Clinical evaluation:			
	ANC	1	100	III & IV
	PNC	1	100	
	Nursery	1	100	
	Labour ward	1	100	
	TOTAL	7	750	

Evaluation

Internal assessment

Theory:

Maximum marks 25

Mid term examination –(3 rd year)	50
Pre final – (4 th year)	75

	125
	Out of 15

Assignments:

Seminar 01	(3 rd year)	50
Drug study 01	(4 th year)	50

		100
		Out of 10

Practical

Case presentation 01 (4 th year)	Marks 50
Antenatal ward / Postnatal ward	

Care study 03 (4 th year)	Marks 150
Antenatal ward- 01 } (50 marks each)	
Postnatal ward 01 }	
Newborn 01	

Health education 01 (3 rd year)	Marks 25
Newborn assessment 01 (3 rd year)	Marks 25
Case book (3 rd year, 4 th year & internship)	Mark 100

Clinical evaluation 04	Marks 400
ANC ward 01 } (100 marks each)	
PNC ward 01 }	
Nursery 01 } (3 rd year, 4 th year)	
Labor room 01 }	

Practical examination	
Viva	Marks 50
Midterm examination	Marks 50
Prefinal examination	Marks 50

Total	900
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Maximum marks = 100

External assessment

University examination

Theory	Marks 75
Practical	Marks 100

Note: Final examination will take place in 4th year

SEMINAR EVALUATION CRITERIA

NAME :-

AUDIENCE :-

TOPIC :-

DATE :-

TIME :-

MARKS :-

Sr. No.	Factors/ Elements	1	2	3	4	5	Total	Remarks
I	Subject Matter 1) Introduction 2) Organization of Topic 3) Presentation of Topic 4) Relevant Examples 5) Relevant Statistical data 6) Group participation 7) Control of group 8) Conclusion							
II	A.V. AIDS 1) Appropriate to subject 2) Proper use of A.V.Aids 3) Self – Explanatory 4) Attractive 5) Planning & Preparation 6) Use of Modern Technology							
III	Personal Appearance 1) Voice and Clarity 2) Mannerism							
IV	References(Books, Journals & Resource Person)							
V	Physical facilities 1) Environment 2) Classroom Preparation							

Overall Observation

Signature of Teacher

Signature of the Candidate

Signature of Principal

Drug study

- Index of drug
- Introduction
- Classification of drugs
- Factors affecting action of drugs
- Name of the drug (Trade & Pharmaceutical name)
- Preparation, strength and dose
- Indications and contraindications
- Actions
- Adverse effects and drug interactions
- Nursing responsibility
- Conclusion
- References

Evaluation crit eria

Planning and organization -----	05
Content -----	10
Nursing responsibility -----	05
Conclusion & References -----	05
Total	25

ANC CASE STUDY / PRESENTATION FORMAT

Identification data

Patient: Name, Age in years, Dr's unit, reg.no
education, occupation, income, religion, marital
status, duration of marriage
Gravida, para, abortion, living, blood group
Husband: Name, Age, education, occupation, income

Present complaints

History of illness

Menstrual history: age of menarche, duration of menstrual cycle, duration of cycle in days, regularity, amount of flow, LMP, EDD, associated complaints

Contraceptive history:

Antenatal attendance:

Date, weight, pallor, edema, BP, Ut. Ht, presentation/position, FHS, Hb, Urine albumin/sugar, treatment

Obstetric history:

H/O Previous pregnancy / deliveries,
Period of pregnancy, type of labour/delivery, birth weight, PNC condition, remarks

Present pregnancy:

Date of booking, number of ANC visits, H/O minor ailments

Past medical, surgical history:

Family history:

Diet history:

Socioeconomic status

Personal habits

Psychosocial status

Physical assessment:

General examination: head to foot
Obstetric palpation, Auscultation

Conclusion

Investigation

Ultrasonography

Treatment

Description of disease

Therapeutic diet plan

Nursing care plan

Nurse's notes

Discharge planning

Antenatal advice

Evaluation of care

References

PNC CASE STUDY / PRESENTATION FORMAT

Identification data

Patient: Name, Age in years, Dr's unit, reg.no
education, occupation, income, religion, marital
status, duration of marriage
Gravida, para, abortion, living, blood group
Husband: Name, Age, education, occupation, income

Present complaints

History of illness

Menstrual history: age of menarche, duration of menstrual cycle, duration of cycle in days, regularity, amount of flow, LMP, EDD, associated complaints

Contraceptive history:

Antenatal attendance:

Date, weight, pallor, edema, BP, Ut. Ht, presentation/position, FHS, Hb, Urine albumin/sugar, treatment

Obstetric history:

H/O Previous pregnancy / deliveries,
Period of pregnancy, type of labour/delivery, birth weight, PNC condition, Condition of new born, remarks

Present pregnancy:

Date of booking, number of ANC visits, H/O minor ailments

Past medical, surgical history:

Family history:

Diet history:

Socioeconomic status

Personal habits

Psychosocial status

Physical assessment:

Mother: General examination: head to foot

Baby: new born assessment

Conclusion

Investigation

Ultrasonography

Treatment

Description of disease

Therapeutic diet plan

Nursing care plan

Nurse's notes

Discharge planning

Antenatal advice

Evaluation of care

References

NEW BORN CASE STUDY FORMAT

Name, date of birth / discharge, reg.no, Dr's unit,

Mother's previous obstetric history, present pregnancy, labour history, baby's birth history

General examination: head to foot

Daily observation chart

Nursing care plan

EVALUATION CRITERIA CASE STUDY

Assessment / Introduction	05
Knowledge & understanding of disease / condition	15
Nursing care plan	20
Discharge plan	05
Summary & evaluation	03
Bibliography	<u>02</u>
TOTAL	50

EVALUATION CRITERIA CASE PRESENTATION

Assessment / Introduction	05
Knowledge & understanding of disease / condition	10
Presentation skill	10
Nursing care plan	15
A.V. aids	05
Summary & evaluation	03
Bibliography	<u>02</u>
TOTAL	50

EVALUATION FORMAT FOR HEALTH TALK

NAME OF THE STUDENT: -----
 AREA OF EXPERIENCE: _____
 PERIOD OF EXPERIENCE: _____
 SUPERVISOR: _____

Total 100 Marks

Scores: 5 = Excellent, 4 = Very good, 3 = Good, 2 = Satisfactory / fair, 1 = Poor

Sr. No.	Particular	1	2	3	4	5	Score
1	I) Planning and organization a) Formulation of attainable objectives b) Adequacy of content c) Organization of subject matter d) Current knowledge related to subject Matter e) Suitable A.V.Aids II) Presentation: a) Interesting b) Clear Audible c) Adequate explanation d) Effective use of A.V. Aids e) Group Involvement f) Time Limit III) Personal qualities: a) Self confidence b) Personal appearance c) Language d) Mannerism e) Self awareness of strong & weak points IV) Feed back: a) Recapitulation b) Effectiveness c) Group response V) Submits assignment on time						

* 100 marks will be converted into 25

NEW BORN ASSESSMENT

Refer "child health nursing" Subject, III Year page no20to 22

Case book

Note: 1. Case book contents

Antenatal examinations	30
Conducted normal deliveries	20
PV examinations	05
Episiotomy & suturing	05
Neonatal resuscitations	05
Assist with caesarian section	02
Witness / assist abnormal deliveries	05
Post natal cases nursed in hospital / health centre / home	20
Insertion of IUCD	05

2. All cases should be certified by teacher on completion of essential requirements.

COURSE OF INSTRUCTION FOURTH YEAR BASIC B.SC. NURSING

SN	SUBJECT	THEORY HRS		PRACTICAL HRS	HRS
		Class	Lab		
1	Midwifery and Obstetrical nursing	-	-	180 Refer guide line of 3 rd & 4 th year	
2	Community Health Nursing	90		135	
3	Nursing Research & statistics	45		*	
4	Management of nursing services and education	60	30		
		195	30	315	
	TOTAL HOURS	540			

* Project work to be carried out during internship

Practical – 30 hours per week

SCHEME OF EXAMINATION FOURTH YEAR

SN	SUBJECT	HOURS	INTERNAL ASSESSMENT	EXTERNAL EXAM	TOTAL
1	Midwifery and Obstetrical nursing	3	25	75	100
2	Community Health Nursing	3	25	75	100
3	# Nursing Research & statistics	--	100 (College level qualifying exam, minimum passing marks 50 %)	--	100
4	Management of nursing services and education	3	25	75	100
	Practical and viva voce Midwifery and Obstetrical nursing		50	50	100
	Community Health Nursing		50	50	100

College level qualifying exam to appear in University Examination, minimum passing Marks 50%.

Scheme of Internal Assessment

Sr No	Subjects	Maximum marks for internal assessment	Assignments / tests	Weightage	Maximum marks of assessment / tests
1	Midwifery and Obstetrical nursing Theory	25	Mid term examination – (3 rd year) Pre final – (4 th year) Assignments: Seminar 01 (3 rd year) Drug study 01 (4 th year)	50 75 50 50	15 marks 10 marks
	Midwifery and Obstetrical nursing Practical	50	Case presentation 01 (4 th year) ANC/ PNC ward Care study 03 (4 th year) Antenatal ward- 01 Postnatal ward 01 Newborn 01 Health education 01 (3 rd year) Newborn assessment 01 (3 rd year) Case book (3 rd year, 4 th year & internship) Clinical evaluation 04 ANC ward 01 PNC ward 01 Nursery 01 Labor room 01 (3 rd year & 4 th year) Practical examination Viva Midterm examination Prefinal examination	50 150 25 25 100 400 50 50 50 900	50 marks
2	Community Health Nursing Theory	25	Midterm Test – 1 Prefinal Exam – 1 Assignment Seminar	50 75 50	15 marks 10 marks
	Community Health Nursing Practical	50	Family Care Study Health Talk Procedure evaluation Family Folders (5x10) Clinical evaluation <u>Practical examination</u> Midterm Prefinal	50 100 50 50 200 50 50 550	50marks

Sr No	Subjects	Maximum marks for internal assessment	Assignments / tests	Weightage	Maximum marks of assessment / tests
3	Nursing Research & statistics	100	Midterm Test – 1 Prefinal Exam – 1 Assignment Group project	25 25 50	} 50 marks } 50 marks
4	Management of nursing services and education	25	Midterm Test – 1 Prefinal Exam – 1 Assignment: Seminar Ward management Diet sheet Clinical evaluation	50 75 100 25 25 100 <hr/> 250	} 15 marks } 10 marks

Midwifery & Obstetrical Nursing

PRACTICAL

Placement: Third Year

Time : Practical-180 Hours (Third year)

Fourth Year

Practical 180 hrs (Fourth year)

Areas	Duration (Hrs)	Objectives	Skills	Assessments	Assessment Methods
Antenatal Clinic/OPD	2	* Assessment of pregnant women	<ul style="list-style-type: none"> • Antenatal history taking • Physical Examination • Recording of weight & B.P • Hb & Urine testing for sugar and albumin • Antenatal examination- abdomen & breast • Immunization • Assessment of risk status • Teaching antenatal mothers • Maintenance of Antenatal records 	<ul style="list-style-type: none"> • Conduct Antenatal Examinations 30 • Health talk-1 • Case book recordings 	<ul style="list-style-type: none"> • Verification of findings of Antenatal examinations • Completion of casebook recordings
Areas	Duration (Hrs)	Objectives	Skills	Assessments	Assessment Methods
Labour room O.T.	4	<ul style="list-style-type: none"> • Assess woman in labour • Carry out per-vaginal examinations • Conduct normal deliveries • Perform episiotomy and suture it • Resuscitate newborns 	<ul style="list-style-type: none"> • Assessment of woman in labour • Pervaginal examination s and interpretation • Monitoring & caring of woman in labour • Maintenance of partograph • Conduct normal delivery 	<ul style="list-style-type: none"> • Conduct normal deliveries-20 • Pervaginal examinations-5 • Perform and suture the episiotomies-5 • Resuscitate newborns-5 • Assist with caesarean Sections-2 • Witness abnormal deliveries-5 • Assist with MTP & other surgical procedures-1 • Case book 	<ul style="list-style-type: none"> • Assessment of clinical performance with rating scale • Assessment of each skill with checklists • Completion of case book recordings • Evaluation of case study & presentation & health education

		<ul style="list-style-type: none"> Assist with caesarean Sections, MTP & other surgical procedures 	<ul style="list-style-type: none"> Newborn assessment & immediate care Resuscitation of newborns Assessment of risk status of newborn Episiotomy & suturing Maintenance of labour and birth records Arrange for & assist with Caesarean section & care for woman & baby during Caesarean Arrange for and assist with MTP & other surgical procedures 	recordings	sessions
Post natal ward	4	<ul style="list-style-type: none"> Provide nursing care to post natal mother & baby Counsel & teach mother & family for parenthood 	<ul style="list-style-type: none"> Examination & assessment of mother & baby Identification of deviations Care of postnatal mother & baby Perineal care Lactation management Breast feeding Baby bath Immunization, Teaching postnatal mother: <ul style="list-style-type: none"> Mother craft Post natal care & Exercises Immunization 	<ul style="list-style-type: none"> Give care to post natal mothers-20 Health talks-1 Case study- Case presentation-1 Case book recordings 	<ul style="list-style-type: none"> Assessment of clinical performance Assessment of each skill with checklists Completion of case book recording Evaluation of case study and presentation and health education sessions

Areas	Duration (week)	Objectives	Skills	Assessments	Assessment Methods
Newborn nursery	2	*Provide nursing care to Newborn at risk	<ul style="list-style-type: none"> • Newborn assessment • Admission of neonates • Feeding of at risk neonates □ Katori spoon, paladi, tube feeding, total parenteral nutrition • Thermal management of neonates-kangaroo mother care, care of baby in incubator • Monitoring and care of neonates • Administering medications • Intravenous therapy • Assisting with diagnostic procedure • Assisting with exchange transfusion • Care of baby on ventilator • Phototherapy • Infection control protocols in the nursery • Teaching & counseling of parents • Maintenance of neonatal records 	<ul style="list-style-type: none"> • Case study-1 • Observation study-1 	<ul style="list-style-type: none"> • Assessment of clinical performance • Assessment of each skill with checklists • Evaluation of & Observation study
Family Planning clinic	Rotation from post natal ward 1 wk	<ul style="list-style-type: none"> • Counsel for & provide family welfare services 	<ul style="list-style-type: none"> • Counseling technique • Insertion of IUD • Teaching on use of family planning methods • Arrange for & Assist with family planning operations • Maintenance of records and reports 	<ul style="list-style-type: none"> • IUD insertion-5 • Observation Study-1 • Counseling-2 • Simulation exercise on recording and reporting-1 	<ul style="list-style-type: none"> • Assessment of each skill with checklists • Evaluation of & Observation study

MIDWIFERY & OBSTETRIC PRACTICE

HOURS:

Hours prescribed	III year (Hours)	IV year (Hours)	Integr. Practice (Hours)
Theory	90	-	-
Practical	180	180	240
TOTAL HRS :	THEORY	90	+ PRACTICAL
			600

EXAMINATIONS:

		THEORY			PRACTICAL	
	Marks	III year	IV year	Marks	III year	IV year
Viva	--	--	--	50	√	--
Midterm	50	√	-	50	--	√
Pre final	75	-	√	50	-	√
TOTAL		125			150	

ASSIGNMENTS:

THEORY				
NO	ASSIGNMENT	MARKS	III YEAR	IV YEAR
1	Seminar	50	√	-
2	Drug study	50	-	√
	TOTAL	100	-	-

NO	ASSIGNMENT / CLINICAL EVALUATION	NUMBER	MARKS	PLACEMENT
1	Health talk	1	25	III
2	Care study: ANC	1	50	IV
	PNC	1	50	IV
	New born	1	50	IV
3	Case presentation: ANC / PNC	1	50	IV
4	New born assessment	1	25	III
5	Case book	1	100	III, IV, I.P
6	Clinical evaluation:			
	ANC	1	100	III & IV
	PNC	1	100	
	Nursery	1	100	
	Labor ward	1	100	
	TOTAL	7	750	

Evaluation

Internal assessment

Theory:

Maximum marks 25

Mid term examination – (3 rd year)	50
Pre final – (4 th year)	75

125
Out of 15

Assignments:

Seminar 01	(3 rd year)	50
Drug study 01	(4 th year)	50

100
Out of 10

Practical

Case presentation 01	(4 th year)	Marks 50
Antenatal ward / Postnatal ward		

Care study 03	(4 th year)	Marks 150
Antenatal ward- 01	} (50 marks each)	
Postnatal ward 01		
Newborn 01		

Health education 01	(3 rd year)	Marks 25
Newborn assessment 01	(3 rd year)	Marks 25
Case book	(3 rd year, 4 th year & internship)	Mark 100

Clinical evaluation 04		Marks 400
ANC ward 01	} (100 marks each) (3 rd year, 4 th year)	
PNC ward 01		
Nursery 01		
Labor room 01		

Practical examination		
Viva (3 rd year)		Marks 50
Midterm examination	} (4 th Year)	Marks 50
Prefinal examination		Marks 50

Total 900

Maximum marks = 100

External assessment

University examination

Theory	Marks 75
Practical	Marks 100

Note: Final examination will take place in 4th year

SEMINAR EVALUATION CRITERIA

NAME :-

AUDIENCE :-

TOPIC :-

DATE :-

TIME :-

MARKS :-

SN	Factors/ Elements	1	2	3	4	5	Total	Remarks
I	Subject Matter 1) Introduction 2) Organization of Topic 3) Presentation of Topic 4) Relevant Examples 5) Relevant Statistical data 6) Group participation 7) Control of group 8) Conclusion							
II	A.V. AIDS 1) Appropriate to subject 2) Proper use of A.V.Aids 3) Self – Explanatory 4) Attractive 5) Planning & Preparation 6) Use of Modern Technology							
III	Personal Appearance 1) Voice and Clarity 2) Mannerism							
IV	References(Books, Journals & Resource Person)							
V	Physical facilities 1) Environment 2) Classroom Preparation							

Overall Observation

Signature of Teacher

Signature of the Candidate

Signature of Principal

Drug study

- Index of drug
- Introduction
- Classification of drugs
- Factors affecting action of drugs
- Name of the drug (Trade & Pharmaceutical name)
- Preparation, strength and dose
- Indications and contraindications
- Actions
- Adverse effects and drug interactions
- Nursing responsibility
- Conclusion
- References

Evaluation criteria

Planning and organization -----	05
Content -----	10
Nursing responsibility -----	05
Conclusion & References -----	05
Total	25

ANC CASE STUDY / PRESENTATION FORMAT

Identification data

Patient: Name, Age in years, Dr's unit, reg.no
education, occupation, income, religion, marital
status, duration of marriage
Gravida, para, abortion, living, blood group
Husband: Name, Age, education, occupation, income

Present complaints

History of illness

Menstrual history: age of menarche, duration of menstrual cycle, duration of cycle
in days, regularity, amount of flow, LMP, EDD, associated complaints

Contraceptive history:

Antenatal attendance:

Date, weight, pallor, edema, BP, Ut. Ht, presentation/position, FHS, Hb, Urine
albumin/sugar, treatment

Obstetric history:

H/O Previous pregnancy / deliveries,
Period of pregnancy, type of labour/delivery, birth weight, PNC condition, remarks

Present pregnancy:

Date of booking, number of ANC visits, H/O minor ailments

Past medical, surgical history:

Family history:

Diet history:

Socioeconomic status

Personal habits

Psychosocial status

Physical assessment:

General examination: head to foot
Obstetric palpation, Auscultation

Conclusion

Investigation

Ultrasonography

Treatment

Description of disease

Therapeutic diet plan

Nursing care plan

Nurse's notes

Discharge planning

Antenatal advice

Evaluation of care

References

PNC CASE STUDY / PRESENTATION FORMAT

Identification data

Patient: Name, Age in years, Dr's unit, reg.no
education, occupation, income, religion, marital
status, duration of marriage
Gravida, para, abortion, living, blood group
Husband: Name, Age, education, occupation, income

Present complaints

History of illness

Menstrual history: age of menarche, duration of menstrual cycle, duration of cycle
in days, regularity, amount of flow, LMP, EDD, associated complaints

Contraceptive history:

Antenatal attendance:

Date, weight, pallor, edema, BP, Ut. Ht, presentation/position, FHS, Hb, Urine
albumin/sugar, treatment

Obstetric history:

H/O Previous pregnancy / deliveries,
Period of pregnancy, type of labour/delivery, birth weight, PNC condition, Condition of
new born, remarks

Present pregnancy:

Date of booking, number of ANC visits, H/O minor ailments

Past medical, surgical history:

Family history:

Diet history:

Socioeconomic status

Personal habits

Psychosocial status

Physical assessment:

Mother: General examination: head to foot

Baby: new born assessment

Conclusion

Investigation

Ultrasonography

Treatment

Description of disease

Therapeutic diet plan

Nursing care plan

Nurse's notes

Discharge planning

Antenatal advice

Evaluation of care

References

NEW BORN CASE STUDY FORMAT

Name, date of birth / discharge, reg.no, Dr's unit,

Mother's previous obstetric history, present pregnancy, labour history, baby's birth history

General examination: head to foot

Daily observation chart

Nursing care plan

EVALUATION CRITERIA CASE STUDY

Assessment / Introduction	05
Knowledge & understanding of disease / condition	15
Nursing care plan	20
Discharge plan	05
Summary & evaluation	03
Bibliography	<u>02</u>
TOTAL	50

EVALUATION CRITERIA CASE PRESENTATION

Assessment / Introduction	05
Knowledge & understanding of disease / condition	10
Presentation skill	10
Nursing care plan	10
A.V. aids	05
Over all	05
Summary & evaluation	02
Time	01
Bibliography	<u>02</u>
TOTAL	50

EVALUATION FORMAT FOR HEALTH TALK

NAME OF THE STUDENT: -----

AREA OF EXPERIENCE: _____

PERIOD OF EXPERIENCE: _____

SUPERVISOR: _____

Total 100 Marks

Scores: 5 = Excellent, 4 = Very good, 3 = Good, 2 = Satisfactory / fair, 1 = Poor

SN.	Particular	1	2	3	4	5	Score
1	I) Planning and organization a) Formulation of attainable objectives b) Adequacy of content c) Organization of subject matter d) Current knowledge related to subject Matter e) Suitable A.V.Aids II) Presentation: a) Interesting b) Clear Audible c) Adequate explanation d) Effective use of A.V. Aids e) Group Involvement f) Time Limit III) Personal qualities: a) Self confidence b) Personal appearance c) Language d) Mannerism e) Self awareness of strong & weak points IV) Feed back: a) Recapitulation b) Effectiveness c) Group response V) Submits assignment on time						

* 100 marks will be converted into 25

NEW BORN ASSESSMENT

Similar to child health nursing

Case book

Note: 1. Case book contents

Antenatal examinations	30
Conducted normal deliveries	20
PV examinations	05
Episiotomy & suturing	05
Neonatal resuscitations	05
Assist with caesarian section	02
Witness / assist abnormal deliveries	05
Post natal cases nursed in hospital / health centre / home	20
Insertion of IUCD	05

2. All cases should be certified by teacher on completion of essential requirements.

Maharashtra University of Health Sciences
External Practical Evaluation Guidelines
IV Basic B.Sc Nursing
Subject:-Midwifery and Obstetrical Nursing 50 Marks

Internal Examiner	25 Marks
Nursing Procedure (15 marks)	
<i>Planning and Organizing</i>	5 marks
• Preparation of tray	3
• Environment	1
• Preparation of patient	1
<i>Execution of Procedure</i>	7 marks
• Applies scientific principles	3
• Proficiency in skill	3
• Ensures sequential order	1
<i>Termination of procedure</i>	3marks
• Makes patient comfortable	1
• Reports & Records	1
• After care of articles	1
Viva (10 Marks)	10 marks
• Normal Pregnancy and management	3
• Antenatal care and postnatal care	3
• Mother and Child health services and family planning	2
• Instruments and articles	2
External Examiner	25 Marks
Nursing Process (15 Marks)	15 marks
• Assessment	3
• Nursing Diagnosis	2
• Goal	1
• Outcome criteria	1
• Nursing intervention	3
• Rationale	2
• Evaluation	1
• Nurses notes	2
Viva (10 Marks)	10 marks
• High Risk pregnancy and their management	3
• Management of labour and obstetric emergencies	3
• Investigations	2
• Drugs	2

Date :

COMMUNITY HEALTH NURSING – II

Time : Theory – 90 hours
Practical – 135 hours

Course description:

This course is designed for students to practice community health nursing for the individual, family and groups at both urban and rural setting by using concept and principles of health and community health nursing

Specific objectives: At the end of the course student will be able to:

1. Understand the concepts, scope, principles and historical development of community health and community health nursing.
2. Appreciate the national health planning, policies, problems.
3. Describe the system of delivery of community health services in rural and urban area.
4. Develop understanding about community health nursing approaches, concepts and roles and responsibilities of nursing personnel.
5. Participate in assisting individuals and groups to promote and maintain their health.
6. Appreciate the national health and family welfare programme and the role of the nurse.
7. Understand the health agencies at the international and national level.

Unit	Time (hrs)	Learning Objectives	Contents	Teaching Learning Activities	Assessment Methods
I	4	<ul style="list-style-type: none">• Define Concepts, scope, Principles and historical development of Community Health and Community health Nursing	<p>Introduction</p> <ul style="list-style-type: none">• Definition, concept & scope of community health nursing• Historical development of<ul style="list-style-type: none">□ Community Health□ Community Health Nursing <p>- Pre- Independence</p> <p>- Post – Independence</p> <p>Client's rights-CPA</p> <p>Professional responsibility in community health care</p> <p>Ethical principles</p> <p>Application of ethics in Community health practice</p> <p>Govt. & legal influence on community health nursing practice</p> <p>Law in community health nursing</p>	<ul style="list-style-type: none">• Lecture discussion	<ul style="list-style-type: none">• Essay Type• Short answers

Unit	Time (hrs)	Learning Objectives	Contents	Teaching Learning Activities	Assessment Methods
II	6	<ul style="list-style-type: none"> Describe health plans, policies, various health committees and health problems in India 	Health Planning and Policies and Problems <ul style="list-style-type: none"> National health planning in India Five year Plan's Various committees and commissions on health and family welfare <ul style="list-style-type: none"> Central council for health and family welfare (CCH and FW) National Health policies (1983, 2002) National population policy Rural health mission Health problems in India 	<ul style="list-style-type: none"> Lecture discussion Panel discussion 	<ul style="list-style-type: none"> Essay type Short answers
III	15	<ul style="list-style-type: none"> Describe the system of delivery of community health services in rural and urban areas List the functions of various levels and their staffing pattern Explain the components of health services Describe alternative systems of health promotion and health maintenance Describe the chain of referral system 	Delivery of community health services <ul style="list-style-type: none"> Planning, budgeting and material management of SCs, PHC and CHC Rural: Organization, staffing and functions of rural health services provided by government at: <ul style="list-style-type: none"> Village Subcentre Primary health center Community health center/ sub divisional Hospitals District State Center Urban: Organization, staffing and functions of urban health services provided by government at: <ul style="list-style-type: none"> Slums Dispensaries Material and child health centers Special Clinics Hospitals Corporation/ Municipality/ Board 	<ul style="list-style-type: none"> Lecture discussion Visits to various health delivery systems Supervised field practice Panel discussion 	<ul style="list-style-type: none"> Essay type Short answers

Unit	Time (hrs)	Learning Objectives	Contents	Teaching Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> • Components of health services <ul style="list-style-type: none"> □ Environmental sanitation □ Health education □ Vital statistics □ M.C.H. antenatal, natal, postnatal, MTP Act, female feticide act, child adoption act □ Family welfare □ National health programmes □ School health services □ Occupational health □ Defense service □ Institutional services • Systems of medicine and health care <ul style="list-style-type: none"> □ Allopathy □ Indian system of medicine and Homeopathy □ Alternative health care systems like yoga, meditation, social and spiritual healing etc. • Referral system 		
IV	25	<ul style="list-style-type: none"> • Describe Community Health Nursing approaches and concepts • Describe the roles and responsibility of Community health nursing personnel 	Community health nursing approaches, concepts and roles and responsibilities of nursing personnel <ul style="list-style-type: none"> • Approaches <ul style="list-style-type: none"> □ Nursing theories and nursing process □ Epidemiological approach □ Problem solving approach □ Evidence based approach empowering people to care for themselves • Concepts of primary Health Care: <ul style="list-style-type: none"> □ Equitable distribution □ Community participation □ Focus on prevention □ Use of appropriate technology □ Multi sectoral approach 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Supervised field practice • Participation in camps • Group project 	<ul style="list-style-type: none"> • Essay type • Short answers

Unit	Time (hrs)	Learning Objectives	Contents	Teaching Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> Roles and responsibilities of Community health nursing personnel in <ul style="list-style-type: none"> Family health services Information Education Communication (IEC) Management information System (MIS): maintenance of Records & Reports Training and supervision of various categories of health workers National Health Programmes Environmental sanitation Maternal and child health and family welfare Treatment of minor ailments School health services Occupational health Organization of clinics, camps: types, preparation, planning, conduct and evaluation Waste management in the center, clinics etc. Home visit: Concept, Principles, Process, techniques: Bag Technique home visit Qualities of Community Health Nurse Job description of Community health nursing personnel 		
V	15	<ul style="list-style-type: none"> Describe and appreciate the activities of Community health nurse in assisting individuals and groups to promote and maintain their health 	Assisting individuals and groups to promote and maintain their health <ul style="list-style-type: none"> Empowerment for self care of individuals, families and groups in – <ul style="list-style-type: none"> A. Assessment of Self and family <ul style="list-style-type: none"> Monitoring growth and development - Mile stones - Weight measurement - Social development 	<ul style="list-style-type: none"> Lecture discussion Demonstration Practice session Supervised field practice 	<ul style="list-style-type: none"> Essay type Short answers

Unit	Time (hrs)	Learning Objectives	Contents	Teaching Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> ❑ Temperature and Blood pressure monitoring ❑ Menstrual cycle ❑ Breast, self examination and testicles ❑ Warning signs of various diseases ❑ Tests: Urine for sugar and albumin, blood sugar B. Seek health services for <ul style="list-style-type: none"> ❑ Routine checkup ❑ Immunization ❑ Counseling diagnosis ❑ Treatment ❑ Follow up C. Maintenance of health records for self and family D. Continue medical care and follow up in community for various diseases and disabilities E. Carryout therapeutic procedures as prescribed/ required for self and family F. Waste Management <ul style="list-style-type: none"> ❑ Collection and disposable of waste at home and community G. Sensitize and handle social issues affecting health and development for self and family <ul style="list-style-type: none"> • Women Empowerment • Women and child abuse • Abuse of elders • Female feticide • Commercial sex workers • Food adulteration • Substance abuse H. Utilize community resources for self and family <ul style="list-style-type: none"> ❑ Trauma services ❑ Old age homes ❑ Orphanage ❑ Homes for physically and mentally challenged individuals ❑ Homes for destitute 	<ul style="list-style-type: none"> • Individual group/ family/ community health education 	

Unit	Time (hrs)	Learning Objectives	Contents	Teaching Learning Activities	Assessment Methods
VI	20	<ul style="list-style-type: none"> Describe national health and family welfare programmes and role of a nurse Describe the various health schemes in India 	National health and family welfare programmes and the role of a nurse <ol style="list-style-type: none"> 1. National API programme 2. Revised National tuberculosis control programme (RNTCP) 3. National Anti- Malaria programme 4. National Filaria control programme 5. National Guinea worm eradication programme 6. National Leprosy eradication programme 7. National AIDS control programme 8. STD control programme 9. National Programme for Control of blindness 10. Iodine deficiency disorder programme 11. Expanded programme on immunization 12. National Family welfare Programme – RCH programme historical development, organization, administration, research, constraints 13. National water supply and sanitation programme 14. Minimum Need programme 15. National diabetics control programme 16. Polio eradication: pulse polio programme 17. National cancer control programme 18. Yaws eradication programme 19. National Nutritional Anemia Prophylaxis programme 20. 20 point programme 21. ICDS programme 22. Mid day meal applied nutritional programme 23. National mental health programme <ul style="list-style-type: none"> Health Schemes - ESI - CGHS - Health insurance 	<ul style="list-style-type: none"> Lecture discussion Participation in national health programmes Field visits 	<ul style="list-style-type: none"> Essay type Short answers

Unit	Time (hrs)	Learning Objectives	Contents	Teaching Learning Activities	Assessment Methods
VII	5	<ul style="list-style-type: none"> Explain the roles and functions of various national and international health agencies 	Health Agencies International – WHO, UNFPA, UNDP, World Bank, FAO, UNICERF, DANIDA, European, Commission (EC), Red Cross, USAID, UNESCO, Colombo plan, ILO, CARE etc. National – Indian Red Cross, Indian Council for child welfare, Family planning Association of India etc.	<ul style="list-style-type: none"> Lecture discussion Field visits 	<ul style="list-style-type: none"> Essay type Short answers

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- Shastr , 'Preventive & Social Medicine', National Publications
- Sathe , 'Epidemiology & management of Health Care', Popular Publications
- Vasundhara & Basvantappa , 'Community Health Nursing', Jaypee Publication
- Mc. Evens M. 'Community based Nursing', Sanmdess publication
- Kulkarni & Baride, 'Text Book of Community medicine', Vora Publications.
- Cookfair Joan, 'Nursing Care in Community', Moby Publications
- Maxey Public, 'Health & Preventive Medicine', Applin Colage Publications
- Lippincotts, 'Community Health Nursing', Lrppincotts Publications
- K.Park , 'Text Book of Preventive & Social Medicine'
- Saunder, 'Essentials of Community based Nursing', Jones & Balet Publications
- Mahajan Gupta, 'Textbook of Preventive & Social Medicine', Jaypee Publications
- Walton, 'Community Concepts & Practice', Scuzt Foresmen Publications
- Ghai Gupta, 'Essential Preventive Medicine', Vikas Publications
- Babu Sheshu, 'Review in Community Medicine', Paras Publication
- Lancaster, 'Community Health Nursing Process and Practice for Promoting Health', Morby Publications
- Bhalerao, 'Synopsis in Preventive & Social Medicine', National Publications
- Fromer Margareg, 'Community Health care & the Nursing Process', CV Mosby & Company Publications
- Clarke, 'Preventive & Community Medicine', Boston Little Brown Company.

COMMUNITY HEALTH NURSING – II – PRACITCAL

Placement: Fourth Year

Time: Practical – 135 hours

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
Community health nursing	1 wk for urban 4 wk for rural	<ul style="list-style-type: none"> Identify community profile Identify prevalent communicable and non-communicable diseases Diagnose health needs of Individual, families and community Plan, provide and evaluate care Participate in school health programme Participate in national health programmes Organize group for self help and involve clients in their own health activities Provide family welfare services Counsel and educate individual, family and community Collect vital health statistics Maintain records & reports 	<ul style="list-style-type: none"> Community health survey Community diagnosis Family care: Home adaptation of common procedures Home visit: Bag technique Organize and conduct clinics antenatal, postnatal, well baby clinic, camps etc. Screen manage and referrals for: <ul style="list-style-type: none"> High risk mothers and neonates Accidents and emergencies Illness: Physical and mental Disabilities Conduct delivery at center/home: episiotomy and suturing Resuscitate newborn School Health programme <ul style="list-style-type: none"> Screen, Manage refer children Collaborate with health and allied agencies Train and supervise health workers Provide family welfare services: insertion of IUD 	<ul style="list-style-type: none"> Community survey report Family care study-1 Project –1 Health talk Case book recording 	<ul style="list-style-type: none"> Assess clinical performance with rating scale Evaluation of community survey report family care study, project and health talk Completion of activity record

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
			<ul style="list-style-type: none"> • Counsel and teach individual, family and community about: HIV, TB, Diabetes, Hypertension, Mental Health, Adolescents, elderly's health, physically and mentally challenged individuals etc. • Collect and calculate vital health statistics • Document and maintain <ul style="list-style-type: none"> □ Individual, family and administrative records □ Write reports center, disease, and national health programme/ projects. 		

Evaluation

Internal assessment

Theory

Midterm –	50 Marks
Prefinals –	75 Marks

Maximum marks 25

TOTAL – 125 Marks
Convert to 15

Assignment

Seminar – 50 Marks

Convert to 10 Marks

Practical

Maximum marks 50

Family Care Study –	50 Marks
Health Talk –	100 Marks
Procedure evaluation –	50 Marks
Family Folders (5x10) –	50 Marks
Clinical evaluation –	200 Marks

Practical examination

Midterm –	50 Marks
Prefinal –	50 Marks

TOTAL – 550 Marks

External assessment

University examination

Theory	Marks 75
Practical	Marks 50

Below mentioned assignment have to be completed during clinical posting, however they are not for evaluation.

Group project 01(Exhibition/ Street Play/ Puppet Show)

Survey report – 01

Daily diary –

FAMILY CARE STUDY (FORMAT)

I Initial Data

1. Name of head of family
2. Address
3. Date of visit commenced
4. Date of visit conducted

II Bio data

Name of Family Members	Relation With Head of Family	Socio Economic Health								
		Age	Sex	Edn.	Occupation	Income	Marital Status	Health Status	Nutritional Status	F P

Immunization										Remark
BCG	DPT			Polio			Measles	Booster	Any Other	
	1	2	3	1	2	3				

III Resources

A. Community Resource used by family members

- a. Regular
- b. In emergencies

B. Financial

- a. Monthly family income
- b. Possessions
- c. Cattle & pets
- d. Numbers of dependents
- e. Monthly pattern of family expenditure
- f. i. Food
- ii. Education
- iii. Medical
- iv. Electricity bill
- v. Clothing & entertainment

IV Environment

A. Community

- Socio economic Status
- Cleanliness
- Water Facility
- Toilet
- Location of Slum area

B. Family

- Environmental hygiene
- Toilets
- Sewage Sullage
- Water disposal

C. Physical Environment

1. Housing location
2. Type of floor
3. Lighting
4. Ventillation
5. Water supply
6. Attitude towards drinking
7. Waste disposal
 - Garbage
 - Latrines
 - Liquid Waste
 - Mosquitoes & fly breeds

V Social Environment

1. Type of community
2. Socio economic background
3. Relationship among family members
4. Relationship with neighbors
5. Relationship with others
6. Common Health Habits
 - a. In community
 - b. In family
7. Family concept about health
8. family concept about disease
 - a. In community
 - b. In Family
9. Festival celebration
 - a. In community
 - b. In family

10. Number of working mothers
 - a. In community
 - b. In family
11. Care during pregnancy
 - a. In community
 - b. In family
12. Care of infant
 - a. In community
 - b. In family
13. Concept about education
 - a. In community
 - b. In family
14. Concept about girls education
 - a. In community
 - b. In family
15. Knowledge & attitudes of people towards health
 - a. In community
 - b. In family

VI Family Health

1. Health of family – past & present
2. Gynaec & Obst. history of female adults

VII. Nutrition

VIII. Family life style

- a. Basic life style of family
- b. Family decision-making pattern
- c. Family relationship & communication
- d. Family response in crisis situation
- e. Family attitude towards health

Nursing Care Plan

Summary:

Conclusion :

FAMILY CARE STUDY (EVALUATION CRITERIA)
50 MARKS

Sr. No.	Particular	TOTAL MARKS	MARKS OBTAINED	TOTAL
I	Personal and professional qualities			
	1. Grooming	1		
	2. Mannerisms	1		
	3. Language	1		
	4. Voice	1		
	5. Confident	1		
II	Identification of family			
	1. Type of family	1		
	2. Initial data	1		
	3. Basic information	1		
	4. Resources used	1		
	5. Environment	6		
III	FAMILY HEALTH			
	1. Health of each member	2		
	2. Gynae & Obstetric health	2		
	3. Nutritional data	2		
	4. Rest & sleep	2		
	5. Use of health resources	2		
	6. Family planning status	2		
	7. Health practices for each member	2		
	8. Family life style	2		
IV	NURSING CARE			
	1. Identification of needs & problems	2		
	2. Aims& Objectives	2		
	3. Nursing interventions	8		
	4. Evaluation of care given	4		
	5. Self assessment	3		

COMMUNITY HEALTH NURSING HEALTH TALK FORMAT

Name of the student:

Topic:

Group to be taught:

A.V. aids:

Area:

Date & Time:

Method of teaching:

Language:

Aim:

Specific objectives:

Introduction:

Sr. No.	Time	Specific objectives	Subject matter	T/L activity	A.V aids	Evaluation
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Summary

Bibliography

EVALUATION FORMAT FOR HEALTH TALK

NAME OF THE STUDENT: -----

AREA OF EXPERIENCE: _____

PERIOD OF EXPERIENCE: _____

SUPERVISOR: _____

Total 100 Marks

Scores: 5 = Excellent, 4 = Very good, 3 = Good, 2 = Satisfactory / fair, 1 = Poor

Sr. No.	Particular	1	2	3	4	5
1	I) Planning and organization a) Formulation of attainable objectives b) Adequacy of content c) Organization of subject matter d) Current knowledge related to subject Matter e) Suitable A.V.Aids II) Presentation: a) Interesting b) Clear Audible c) Adequate explanation d) Effective use of A.V. Aids e) Group Involvement f) Time Limit III) Personal qualities: a) Self confidence b) Personal appearance c) Language d) Mannerism e) Self awareness of strong & weak points IV) Feed back: a) Recapitulation b) Effectiveness c) Group response V) Submits assignment on time					

Signature of the student

Signature of the teacher

EVALUATION CRITERIA FOR PROCEDURE EVALUATION USING BAG TECHNIQUE

NAME OF THE STUDENT: -----

AREA OF EXPERIENCE: _____

PERIOD OF EXPERIENCE: _____

SUPERVISOR: _____

Total – 50

Scores: 5 = Excellent, 4 = Very good, 3 = Good, 2 = Satisfactory / fair, 1 = Poor

Sr. No.	Particular	1	2	3	4	5
1)	Approach to the family					
2)	Selection of procedures based on family needs					
3)	Preparation of the bag for the procedure					
4)	Caring out all the steps of procedure correctly					
5)	Scientific principles followed while doing procedure					
6)	Involvement of family while doing procedure					
7)	Post care of bag and equipment					
8)	Health education while during and the procedure					
9)	Disposal of waste					
10)	Recording and reporting					

FAMILY FOLDER FORMAT

Learners Name :

Family Name :

Address :

Date Of Service

Directions :

BASIC INFORMATION

Name	Age	Sex	Position in Family	Occupation Income	Education	Language Spoken	Nutritional Status	Health Status	Health Problems

2. RESOURCES (COMMUNITY RESOURCES IN EMERGENCY)

Resources Provided	Location	Member Using	Reason	Frequency

3. PHYSICAL & SOCIAL ENVIRONMENT

- a) Community
- b) Family

4. FAMILY HEALTH

Name	Age	Height	Weight	Immunizations	Habits/ Addictions	Developmental Stage	Summary of Health History	Current Status including Medications

5. Family Health Practice

- a. Nutritional status – diet, meal pattern, shopping habits, knowledge of good nutrition.
- b. Recreation & exercise
- c. Sleeping pattern.
- d. Family use of health resource, person responsible for health care decision-making
- e. Any other attitudes, which significantly relate to health status.
- f. Family strengths & limitations related to their health practice

6. Family life style

- a. Basic life style
- b. Inter family relationship & communication pattern
- c. Family decision-making
- d. Family response in crisis
- e. Dominant values of family
- f. Family attitude towards health care & health care providers

7. Nursing Care Plan

8. Student remarks

- a. How did family perceive overall expenses of your visit (give supportive data)
- b. Discuss achievement of goals & nursing interventions
- c. In what aspect of nursing practice did your experience most growth & in what area would you like to improve?

FAMILY FOLDERS**10 marks**

Sr. No.	Particular	1	2	3	4	5	Score
I	Subject Matter						
II	Nursing Care Plan						

CLINICAL EVALUATION

Name of the student _____

Area of experience _____

Period of experience _____

Supervisor _____

Total 100 Marks

Scores: 5 = Excellent, 4 = Very good, 3 = Good, 2 = Satisfactory / fair, 1 = Poor

Sr. No.	Particular	1	2	3	4	5
I	Personal and Professional Qualities :					
	a) Leadership					
	b) Punctuality					
	c) Grooming					
	d) Relationship with others					
	e) Attitude Towards suggestions					
II	Assessment In Home and Clinic:					
	a) History taking					
	b) Physical assessment					
	c) Assisting & guiding for investigation					
	d) Home / clinic observation of signs & symptoms					
	e) Identification of needs & problems					
III	Planning					
	a) Selection of priority needs / problems					
	b) Setting objectives					
	c) Planning appropriate interventions					
	d) Resource allocation					
IV	Implementation :					
	a) Approach to family & manner of greeting					
	b) Explaining the purpose of visit to family					
	c) Providing home care					
	d) Doing simple procedure at home/Clinic					
	e) Assisting in clinical services					
	f) Giving health education in home clinic					
	g) Recording and reporting					
V	Evaluation :					
	a) Health teaching					
	b) Family care					
	c) Self assessment					
	d) Submitting assignment on time					

Remarks:

Signature of student

Signature of the teacher

COMMUNITY SURVEY REPORT FORMAT

INTRODUCTION

Objectives:

- * To assess the area & identify health problems of people
- * To understand the socioeconomic status of the community
- * To identify the sources of health services available in community
- * To identify various health practices prevailing in the community

Community as a place – boundaries, environment, housing

Community as a social system –recreational facilities, transportation, stores & shops, official health agencies, communication media, education, socioeconomic status, occupational status, social activities related to health.

Health problems and needs in the area

Conclusion

SURVEY REPORT

Sr. No.	Particular
1	Introduction
2	Community as a place <ul style="list-style-type: none">• Boundary• Environment• Housing
3	Social system <ul style="list-style-type: none">• Recreational facilities• Transportation• Stores & Shops• Official health Agencies• Communication media• Education• Socioeconomic status• Occupational Status• Social activities related to health
4	Planning and organization <ul style="list-style-type: none">• Formulation of objectives• Selection of method of presentation• Adequacy of content• Organisation of Subject matter
5	<ul style="list-style-type: none">• Presentation
6	Individual participation Submission on time

DAILY DAIRY

NAME OF THE STUDENT: -----
AREA OF EXPERIENCE: _____
PERIOD OF EXPERIENCE: _____
SUPERVISOR: _____

Sr. No.	Particular
1	Activities planned
2	Activities done

ASSIGNMENT FORMAT FOR GROUP SEMINAR

1. Introduction to the topic
2. Concept, Definition
3. History
4. Subject matter
5. Application in nursing field
6. Summary
7. Conclusion
8. References

VISITS SUGGESTED

I Community Resources For Self & Family

1. Trauma center
2. Old Age Home
3. Orphanage
4. Home for physically & mentally challenged individuals
5. Home for Destitutes

II Social Nurse affecting health

1. Mahila Mandal
2. Food & Adulteration Lab
3. Community Kitchen
4. NARI

III. Others

1. Family Welfare Bureau
2. Industrial Visit
3. IEC Bureau
4. B.D.O.
5. Gram Panchayat
6. Zilla Parishad
7. Panchayat Samiti
8. PHC
9. Sub Center
10. Rural Hospital
11. Community Health Center
12. Anganwadi

Above visits should be completed in related subject during 4 years

Maharashtra University of Health Sciences
External Practical Evaluation Guidelines
IV Basic B.Sc Nursing
Subject:- Community Health Nursing

50 Marks

Internal Examiner

25 Marks

Nursing Procedure (Home visit) (15 marks)

15 marks

- | | |
|---|---|
| • Approach to family | 3 |
| • Selection of need based procedure | 3 |
| • Bag Technique(Skills in performing procedure) | 4 |
| • Follow the scientific principles | 3 |
| • Post care of bag and equipment | 2 |

Viva (10 Marks)

10 Marks

- | | |
|---|---|
| • Health planning and national health policies | 2 |
| • Family health care | 3 |
| • Role and responsibilities of CHN in primary health care | 3 |
| • National and International agencies | 2 |

External Examiner

25 Marks

Nursing Process (Health Education) (15 Marks)

15 marks

- | | |
|--|---|
| • Need based health teaching | 3 |
| • Content, Organization and Presentation | 4 |
| • Used of A.V.aids | 3 |
| • Professional qualities | 3 |
| • Effectiveness | 2 |

Viva (10 Marks)

10 Marks

- | | |
|---|---|
| • National Health and family welfare programmes | 3 |
| • Public health and community health nursing administration | 3 |
| • Health Care delivery system (Rural and Urban) | 4 |

**COMMUNITY HEALTH NURSING PRACTICAL EXAMINATION
PRACTICAL / ORAL MARK LIST**

NAME OF THE EXAMINATION : COMMUNITY HEALTH NURSING PRACTICALS

MONTH :

YEAR :

FOURTH YEAR Basic B. Sc NURSING :

MARKS : 50

SUBJECT : COMMUNITY HEALTH NURSING

CENTRE :

[illegible]

Signature of the Internal Examiner

Signature of the External Examiner

Date :

Date :

NURSING RESEARCH AND STATISTICS

Total Hours : Theory – 45 Hour

Practical – 30 Hours per Week (Project work to be carried out during internship)

Course Description:

The course is designed to enable students to develop an understanding of basic concepts of research, research process and statistics and to enable them to conduct/participate in need based research studies in various settings. Further the students will be able to utilize the research findings to provide quality-nursing care.

Total marks – 100

Specific objectives: At the end of the course, the students will be able to:

1. Define the terms and concepts of nursing research.
2. Identify needs and scope of nursing research.
3. Define research problems.
4. Locate and list sources of literature review including operational definitions and conceptual framework.
5. Describe different approaches and research designs in nursing research.
6. Describe sample and sampling technique.
7. Develop tool for data collection.
8. Conduct pilot study to confirm reliability and validity of tool before data collection
9. To enumerate steps of data analysis and present data summary
10. Use descriptive and co- relational statistics in data analysis.
11. Conduct group project and write report.

Unit	Time (Hrs)	Learning Objectives	Content	Training Learning Activities	Assessment Methods
I	4	<ul style="list-style-type: none">• Describe the concept of research, terms, need and areas of research in nursing.• Explain the steps of research process.	Research and research process <ul style="list-style-type: none">• Introduction and need for nursing research.• Definition of Research & nursing research.• Steps of scientific method.• Characteristics of research.• Steps of research process -overview	<ul style="list-style-type: none">• Lecture Discussion.• Narrate steps of research process followed from examples of published studies.	<ul style="list-style-type: none">• Short answer• Objective type

Unit	Time (Hrs)	Learning Objectives	Content	Training Learning Activities	Assessment Methods
II	3	<ul style="list-style-type: none"> Identify and state the research problem and objectives 	Research Problem/Question <ul style="list-style-type: none"> Identification of problem area. & Problem statement. Stating objectives of the research problem. 	<ul style="list-style-type: none"> Lecture Discussion. Exercise on writing statement of problem and objectives <i>Each student selects a research problem</i> 	<ul style="list-style-type: none"> Short answer. Objective type
III	3	<ul style="list-style-type: none"> Review the related literature 	Review of Literature <ul style="list-style-type: none"> Steps in review of literature Identification of Publication Keeping a record Writing the review of literature Writing of Bibliography 	<ul style="list-style-type: none"> Lecture Discussion Exercise on reviewing one research report/ article for a selected research problem. Prepare annotated bibliography (5) 	<ul style="list-style-type: none"> Short answer Objective type
IV	4	<ul style="list-style-type: none"> Describe the research approaches and designs 	Research approaches and designs <ul style="list-style-type: none"> Historical, survey and experimental Qualitative and Quantitative designs 	<ul style="list-style-type: none"> Lecture Discussion Explain types of research approaches used from examples of published and unpublished research studies with rationale. 	<ul style="list-style-type: none"> Short answer Objective type
V	8	<ul style="list-style-type: none"> Explain the sampling process Describe the methods of data collection Developing and standardizing an instrument 	Sampling and data collection <ul style="list-style-type: none"> Definition of Population, Sample, Sampling criteria, factors influencing sampling process, types of sampling techniques. Data collection Methods and instruments <ol style="list-style-type: none"> Questionnaire, interview, records & reports and other techniques Validity & Reliability of the instrument Pilot Study 	<ul style="list-style-type: none"> Lecture Discussion <i>Prepare the tool in respect to the selected research problem.</i> 	<ul style="list-style-type: none"> Short answer Objective type

Unit	Time (Hrs)	Learning Objectives	Content	Training Learning Activities	Assessment Methods
VI	15	<ul style="list-style-type: none"> Explain the use of statistics, scales of measurement and graphical presentation of data Describe the measures of central tendency and variability and methods of correlation 	Introduction to statistics <ul style="list-style-type: none"> Definition, use of statistics, scales of measurement Frequency distribution and graphical presentation of data Mean, Median, Mode, standard deviation Normal probability and tests of significance Coefficient of correlation Inferential statistics and types Statistical packages and its application 	<ul style="list-style-type: none"> Lecture, discussion Practice on graphical presentations Practice on computation of measures of central tendency, variability & correlation 	<ul style="list-style-type: none"> Short answer Objective type
VII	4	<ul style="list-style-type: none"> Analyze, interpret and summarize the research data 	Analysis of Data <ul style="list-style-type: none"> Compilation, Tabulation Classification, summarization, presentation, interpretation of data 	<ul style="list-style-type: none"> Lecture, discussion Preparation of sample tables 	<ul style="list-style-type: none"> Short answer Objective type
VIII	4	<ul style="list-style-type: none"> Communicate and utilize the research findings. 	Communication and utilization of Research <ul style="list-style-type: none"> Communication of research findings <ul style="list-style-type: none"> - Verbal report - Writing research report - Writing scientific article/ paper- Critical review of published research & Utilization of research findings 	<ul style="list-style-type: none"> Lecture, discussion Writing group research project & presentation 	<ul style="list-style-type: none"> Short answer Objective type Assessment of group research Project

Research Project work to be carried out during internship

References

1. Polit , D.F. & Beck CT, Nursing Research, Principles and Methods, 7th ed, Lippincott Williams & Wilkins, Philadelphia, 2003.
2. Polit Dennis and Hunglar B P, Nursing research principles and methods, 6th edition Lippincott, Philadelphia, 1999.
3. Laura A.Talbot, Principles and practice of nursing research, Mosby St. Louis 1995.
4. Dorothy YB & Marie TH, Fundamentals of research in Nursing, 3rd ed, Jones & Bartlett Publishers, Boston, 2003.

5. Rao TB, Methods in Medical Research, 1st ed, Radha Rani Publishers, Guntur AP, 2002.
6. Smith, P ResearchMindedness for Practice> An interactive approach for nursing and health care, Churchill livingstone, New York, 1997
7. American Psychological Association publication manual. 2001.
8. Mahajan Methods in Bio statistics.
9. Trece E.W. & Treece JW: Elements of Research in Nursing, 3rd ed The CV Mosby CompanySt, Louis 1986_

Evaluation

Internal assessment: 100 Marks (College level qualifying exam to appear in 4th year University Exam.)

a) Theory: Maximum marks 50

Midterm	25
Prefinal	25

Total marks 50

b) Project: Maximum marks 50

Assignment: Group project 50

Total marks 50

INTRODUCTION TO NURSING RESEARCH AND STATISTICS
PRACTICAL EXPERIENCE GUIDELINE AND EVALUATION FOR
4th BSc.Nursing
NURSING RESEARCH: "PROJECT"

Time Allotted Practical- 45 hrs.

Guideline for Research Project

I Aim: Student will identify the role of nurse in conducting research, writing research proposal based on scientific steps and will analyze the data using simple statistical methods. While conducting research project.

II Objectives: Preparing nursing research proposal

- 1) To get an opportunity to select topic or problem to formulate research proposal.
- 2) To follow the steps in research while writing research proposal and conducting project.
- 3) To differentiate and plan specific design in nursing research i.e. experimental and non-experimental including methodology.
- 4) To get an opportunity to frame/construct simple tool or questionnaire to collect data.
- 5) To follow the basic principles of data analysis including simple tables and statistical methods for proceedings and interpretation of data.
- 6) To be familiar to write research report to communicate the findings including bibliography, foot notes and future recommendations.
- 7) To present nursing research proposal as group activity.
- 8) Learns to use computers.

.III Guide line / check list to prepare / Nursing research proposal & project

- 1) Selection of research problem : Select your interest area of research, based on felt need, issues, social concern in nursing field.
 - a) State the problem, brief concise, clear.
 - b) State the purpose of selected study & topic
 - c) State objective of study/proposal/project.
 - d) State the hypothesis if necessary (optional).
 - e) Prepare conceptual framework based on operational definition (optional).
 - f) Write scope and delimitation of Research Proposal.

2) Organizing for Review of Literature

- a) It adds in to needs to conduct Research project.
- b) To study related and relevant literature which helps to decide conceptual framework and research design to be selected for your study.
- c) To add specific books, bulletins, periodicals, reports, published and unpublished dissertations, encyclopedia, text books.
- d) Organize literature as per operational definition.
- e) To prepare summary table for review of literature. (Optional)

- 3) Research Methodology: To determine logical structure & methodology for research project
- Decide and state approach of study i.e. experimental or non-experimental.
 - To define/find out variables to observe effects on decided items & procedure (optional)
 - To prepare simple tool or questionnaire or observational check list to collect data.
 - To determined sample and sampling method.
 - mode of selection
 - Criteria
 - Size of sample
 - Plan when, where and how data will be collected
 - To test validity of constructed tool (To check content in tool in relation to stated objectives) with experts / teachers opinion.
 - To check reliability by implementing tool before pilot study (10% of sample size)
 - To conduct pilot study by using constructed tool for 10% selected sample *size*.
- 4) Data Collection: To implement prepared tool
- To implement constructed tool
 - Decide location
 - Time
 - Write additional information in separate exercise book to support inferences and interpretation.
- 5) Data analysis and processing presentation
- Use appropriate method of statistical analysis i.e. frequency and percentage.
 - Use clear frequency tables, appropriate tables, graphs and figures.
 - Interpretation of data:
 - In relation to objectives
 - Hypothesis (Optional)
 - Variable of study or project (Optional)
 - Writing concise report
- 6) Writing Research report
- Aims:
 - To organize materials to write project report
 - To make comprehensive full factual information
 - To use appropriate language and style of writing
 - To make authoritative documentation by checking footnotes, references & bibliography
 - To use computers.
 - Points to remember
 - Develop thinking to write research report.
 - Divide narration of nursing research report.
 - Use present tense and active voice
 - Minimize use of technical language
 - Use simple, straightforward, clear, concise language
 - Use visual aids in form of table, graphs, figures
 - Treat data confidentially
 - Review, rewrite if necessary

EVALUATION CRITERIA FOR PROJECT REPORT

Maximum Marks: 100

Sr. No.		Criteria	Rating					Remarks
			1	2	3	4	5	
I		Statement of the problem						
	1.	Significance of the problem selected						
	2.	Framing of title and objectives						
II		Literature Review						
	3.	Inclusion of related studies on the topic, and its relevance						
	4.	Operational definition						
III		Research Design						
	5.	Use of appropriate research design						
	6.	Usefulness of the research design to draw the inferences among stud variables / conclusion						
IV		Sampling design						
	7.	Identification and description of the target population						
	8.	Specification of the inclusion and exclusion criteria						
	9.	Adequate sample size justifying he study design to draw conclusions.						
V		Data Collection Procedure						
	10.	Preparation of appropriate tool						
	11.	Pilot study including validity and reliability of tool						
	12.	Use of appropriate procedure / method for data collection						
VI		Analysis of Data & Interpretation						
	13.	Clear and logical organization of the findings						
	14.	Clear presentation of the tables (Title, table & Column heading)						
	15.	Selection of appropriate statistical tests						

Sr. No.		Criteria	Rating					Remarks
			1	2	3	4	5	
VII		Ethical Aspects						
	16.	Use of appropriate consent process						
	17.	Use appropriate steps to maintain ethical aspects and principles (physical harm etc.)						
VIII		Interpretation of the findings						
	18.	Consistent and appropriate discussion of the Results						
IX		Conclusion						
	19.	Summary and recommendations for to Nursing Practice / Education / Administration						
X		Presentation / Report writing						
	20.	Organization of the project work including Language and style of presentation						
		Maximum marks						100
		Marks obtained						
		Marks sent to University						/ 50

Remarks by the Supervisor / Guide

Date:

Signature

Signature of the students Date

MANAGEMENT OF NURSING SERVICE & EDUCATION

Total hours: Theory: 90 Hrs
(Class 60 + Lab 30 hrs)

Course Description:

This course is designed to enable students to acquire in-depth understanding of management of hospital services, management of nursing services and nursing educational programmes. This is also designed to enable students to acquire understanding of the professional responsibilities, prospects and contribution to the growth of the Nursing profession.

Specific objectives: At the end of the course student will be able to

1. Understand the principles and functions of management
2. Understand the elements and process of management
3. Appreciate the management of nursing services in the hospital and community.
4. Apply the concepts, theories and techniques of organizational behaviour and human relations.
5. Develop skills in planning and organizing in service education
6. Understand the management of nursing educational institutions.
7. Describe the ethical and legal responsibilities of a professional nurse
8. Understand the various opportunities for professional advancement.

Unit	Time (Hrs)		Objectives	Content	Teaching Learning activities	Assessment methods
	Th.	Pr.				
I	(4)		<ul style="list-style-type: none"> Explain the principles and functions of management 	Introduction to Management in Nursing <ul style="list-style-type: none"> History, Definition, concepts and theories Functions of management Principles of management Role of nurse as a manager and her qualities 	<ul style="list-style-type: none"> Lecture Discussion Explain using organization chart 	<ul style="list-style-type: none"> Short answers
II	(6)		Describe elements and process of management	Management Process <ul style="list-style-type: none"> Planning, mission, philosophy, objectives, operational plan Staffing: Philosophy, staffing study, norms, activities, patient classification system, scheduling Human resource management, recruiting, selecting, deployment, retaining, promoting, superannuation. Budgeting: Concept, principles, types, cost benefit analysis audit Material management: equipment and supplies Directing process (Leading) Controlling: Quality management Program Evaluation Review Technique (PERT), Bench marking, Activity Plan (Gantt Chart) 	<ul style="list-style-type: none"> Lecture Discussion Simulated Exercises Case studies 	<ul style="list-style-type: none"> Essay type Short answers

Unit	Time (Hrs)		Objectives	Content	Teaching Learning activities	Assessment methods
	Th.	Pr.				
III	(8) 1 1 1 2 1 2	5	To understand the modern concepts, components and changing trends in hospital organization	Hospital Organization <ul style="list-style-type: none"> Definition, types and functions of hospital Governing body- Hospital administration Control & line of authority Hospital statistics including hospital utilization indices Role of hospital in comprehensive health care Development of new management practices: Marketing of Hospitals, Specialty Hospitals 	<ul style="list-style-type: none"> Lecture Discussion Preparation of organization chart of hospital 	<ul style="list-style-type: none"> Essay type Short answers MCQ
IV	(8) 1 1 1 1 1	20	Describe the management of nursing services in the hospital and community	Management of nursing services in the hospital <ul style="list-style-type: none"> Planning <ul style="list-style-type: none"> Hospital & patient care units including ward management Emergency and disaster management Human resource management <ul style="list-style-type: none"> Recruiting, selecting, deployment, retaining, promoting, superannuation Categories of nursing personnel including job description of all levels Patients/ population classification system Patients/ population assignment and nursing care responsibilities Staff development and welfare programmes Budgeting: Proposal, projecting requirements for staff, equipments and supplies for <ul style="list-style-type: none"> Hospital and patient care units Emergency and disaster management Material management: Procurement, inventory control, auditing and maintenance in <ul style="list-style-type: none"> Hospital and patient care units Emergency and disaster management 	<ul style="list-style-type: none"> Lecture Discussion Demonstration Case studies Supervised practice in ward-writing indents, preparing rotation plan and duty roster, ward supervision Assignment on duties and responsibilities of ward sister Writing report Preparing diet sheets 	<ul style="list-style-type: none"> Essay type Short answers Assessment of problem solving exercises Assessment of the assignments Performance evaluation by ward sister with rating scale

Unit	Time (Hrs)		Objectives	Content	Teaching Learning activities	Assessment methods
	Th.	Pr.				
	2			<ul style="list-style-type: none"> Directing & Leading: delegation, participatory management <ul style="list-style-type: none"> ➤ Assignments, rotations, delegations ➤ Supervision & guidance ➤ Implement standards, policies, procedures and practices ➤ Staff development & welfare ➤ Maintenance of discipline Controlling/ Evaluation <ul style="list-style-type: none"> ➤ Nursing rounds/ visits, Nursing protocols, Manuals ➤ Quality assurance model, documentation ➤ Records and reports Performance appraisal 		
V	(5) 1 1 1 1 1		<ul style="list-style-type: none"> Describe the concepts, theories and techniques of organizational behavior and human relations 	Organizational behavior and human relations <ul style="list-style-type: none"> Concepts and theories of organizational behaviors Review of channels of communication Leadership styles, Power, types Review of motivation: concepts and theories Group dynamics Techniques of: <ul style="list-style-type: none"> ➤ Communication and ➤ Interpersonal relationships ➤ Human relations Public relations in context of nursing Relations with professional associations and employee union Collective bargaining 	<ul style="list-style-type: none"> Lecture Discussion Role plays Group games Self assessment Case discussion Practice session 	<ul style="list-style-type: none"> Essay type Short answers Assessment of problem solving
VI	(5) 1 1 1 1 1	5	Participate in planning and organizing in-service education program	In-service education <ul style="list-style-type: none"> Nature & scope of in-service education program Organization of in-service education Principles of adult learning Planning for in-service education program, techniques, methods, and evaluation of staff education program Preparation of report 	<ul style="list-style-type: none"> Lecture Discussion Plan and conduct an educational session for in-service nursing personnel 	<ul style="list-style-type: none"> Essay type Short answers Assess the planning and conduct of educational session

VII	(10) 1		Describe management of Nursing educational institutions	Management of Nursing educational institutions <ul style="list-style-type: none"> Establishment of nursing educational institution – INC norms and guidelines 	<ul style="list-style-type: none"> Lecture Discussion Role plays Counseling session 	<ul style="list-style-type: none"> Essay type Short answers
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Unit	Time (Hrs)		Objectives	Content	Teaching Learning activities	Assessment methods
	Th.	Pr.				
	1			<ul style="list-style-type: none"> Co-ordination with <ul style="list-style-type: none"> ➤ Regulatory bodies ➤ Accreditation ➤ Affiliation – Philosophy/ Objectives, Organization ➤ Structure ➤ Committees ➤ Physical facilities ➤ College / School ➤ Hostel – Students ➤ Selection ➤ Admission procedures ➤ Guidance and counseling ➤ Maintaining discipline- Faculty and staff ➤ Selection ➤ Recruitment ➤ Job description ➤ Placement ➤ Performance appraisal ➤ Development and welfare Budgeting Equipments and supplies: audio visual equipments, laboratory equipments, books, journals etc. Curriculum: Planning, Implementation and Evaluation Clinical facilities Transport facilities Institutional Records, and reports – Administrative, Faculty, Staff and Students. 	<ul style="list-style-type: none"> Group exercises 	
	1					
	1					
	1					
	3					
	1					
	1					
VIII	(10) 4		1) Describe the ethical and legal responsibilities of a professional nurse 2) Explain the Nursing practice standards	Nursing as a Profession <ul style="list-style-type: none"> Nursing as a Profession <ul style="list-style-type: none"> ➤ Philosophy; nursing practice ➤ Aims and Objectives ➤ Characteristics of a professional nurse ➤ Regulatory bodies; INC, SNC Acts:- Constitution, functions ➤ Current trends and issues in Nursing Professional ethics <ul style="list-style-type: none"> ➤ Code of ethics; INC, ICN ➤ Code of professional conduct; INC, ICN. 	<ul style="list-style-type: none"> Lecture Discussion Case discussion Panel discussion Role plays Critical incidents Visit to INC/ SNRCs 	<ul style="list-style-type: none"> Short answers Assessment of critical incidents
	1					

Unit	Time (Hrs)		Objectives	Content	Teaching Learning activities	Assessment methods
	Th.	Pr.				
	2 1 2			<ul style="list-style-type: none"> Practice standards for nursing; INC Consumer Protection Act Legal aspects in Nursing <ul style="list-style-type: none"> ➤ Legal terms related to practice; Registration and licensing ➤ Legal terms related to Nursing practice; Breach and penalties ➤ Malpractice and Negligence 		
IX	(4) 1 1 1 1		Explain various opportunities for professional advancement	Professional Advancement <ul style="list-style-type: none"> Continuing education Career opportunities Collective bargaining Membership with Professional Organizations; National and International Participation in research activities Publications; Journals, Newspaper etc. 	<ul style="list-style-type: none"> Lecture Discussion Review/ Presentation of published articles Group work on maintenance of bulletin board 	<ul style="list-style-type: none"> Short answers

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6. Goel, s & Kumar, R. Hospital Administration and Management, 1st edn, Deep and Deep Publications: New Delhi, 2000.
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11. Hersey, P. ,Blanchard, H K & Johnson, E D. Management of Organizational Behavior, Pearson Education Indian Branch: New Delhi, 2002.
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Evaluation

Internal assessment

Theory: Maximum marks 25

Midterm 50

Prefinal 75

Total marks 125

Out of 15

Assignment:

Seminar 100

Ward management 25

Diet sheet 25

Clinical evaluation 100

Total marks 250

Out of 10

External assessment

University examination

Theory Marks 75

Examination Marks allotted	Sec – A	Sec - B	Sec - C	Total	Duration
Mid term	10	20	20	50	2 hours
Pre-final	15	30	30	75	3 hours
Final	15	40	20	75	3 hours

ASSIGNMENT FORMAT FOR GROUP SEMINAR

1. Introduction to the topic
2. Concept, Definition
3. History
4. Subject matter
5. Application in nursing field
6. Summary
7. Conclusion
8. References

EVALUATION CRITERIA

Subject :
Topic :
Name of the student :
Group :

Date:
Time:
Total Marks: 100
Marks allotted:

S No	Criteria	1	2	3	4	5	Remarks
I	Subject Matter 1. Introduction 2. Organization of Content 3. Presentation of topic 4. Relevant examples 5. Relevant statistical data 6. Group participation 7. Control of group 8. Conclusion						
II	A V Aids 9. Appropriate to Topic 10. Self Explanatory 11. Useful 12. Attractive 13. Planning and preparation 14. Use of appropriate technology						
III	Physical facilities 15. Environment 16. Classroom preparation 17. Classroom management						
IV	Personal Qualities 18. Voice and clarity 19. Mannerism 20. References						

Guidelines for Ward Management Report

1. Introduction
 - Name of the ward
 - Duration of experience with dates
 - Objective of ward administration experience
2. Organization chart of the ward
 - Draw the organization chart of the ward and hospital depicting staff position along with communication channels and hierarchical lines
3. Ward lay out and physical facilities of the ward
 - Describe the ward lay out and physical facilities available and compare it with the standards of an ideal ward
4. Reports and Records
 - Describe the various reports and records maintained in the ward
 - Study these documents critically for completeness, accuracy and relevance and give your suggestions and recommendations.
5. Procedures & Policies
 - Study the policies and procedures and critically evaluate them
 - Indenting drugs, stores, supplies & describe them briefly
 - Admission & discharge and transfer
 - Visitors
 - Outpass, absconding
 - Critically ill patient, Death
 - Treatments
 - Emergency care
 - SOP for Anaphylaxis, HIV infections, Needle stick injuries, Hospital waste management
 - Security of the ward
 - Fire drills
 - Preparation of diet sheet
6. Classify the various types of drugs, stores, supplies and equipments in the ward
Study the procedure for maintenance, store and supplies
7. Enlist the suggestions and recommendations
8. Conclusion

EVALUATION CRITERIA

1. Comprehensive	: 5
2. Clear & Relevant	: 5
3. Critical analysis	: 5
4. Suggestions & Recommendations	: 5
5. Conclusion	: 5
<hr/>	
Total	25
<hr/>	

GUIDELINES FOR ASSIGNMENTS: DIET SHEET

1. Diet sheet

a) Daily basis

- Study the different types of hospital diets & their dietary allowances and write a brief report
- Notes the prescribed diet for each patient
- Records in diet sheet

b) Give references and illustrations (Figure, graph and picture)

c) Conclusion (Highlight learning achieved)

EVALUATION CRITERIA

1. Clarity and comprehensiveness	: 5
2. Accuracy of diet sheet	: 5
3. Preparation of diet sheet	: 5
4. Reference & Illustration	: 5
5. Conclusion	: 5

Total: 25

BASIC B Sc NURSING

LAB EVALUATION : WARD ADMINISTRATION

Student's Name:

Total Marks : 100

Placement:

S No	Criteria	4	3	2	1
I	Professional Appearance 1. Is well groomed & neat uniform 2. Is able to maintain good poise				
II	KNOWLEDGE 3. Has knowledge regarding nursing responsibilities in a. Organization & planning in days work b. Meeting emergency needs c. Providing comprehensive patient care d. Indenting, maintaining & dispensing of drugs e. Holding of inventories and care of equipments 4. Has knowledge of various records related to patient care. 5. Has knowledge of communication process				
III	PRACTICE 6. Is able to communicate effectively with different health team members 7. Is able to coordinate with healthy member 8. Is able to plan & conduct clinical teaching programmes 9. Is able to conduct incidental teaching at the bed side 10. Is able to render nursing according to identified nursing needs & problems				
IV	LEADERSHIP 11. Is able to inspire confidence and has patience in dealing at all times 12. Is enthusiastic and approachable 13. Is willing to accept consequences of decision and action 14. Is able to accept leadership roles voluntarily 15. Co-operative and maintains good IPR 16. Avails opportunities for personal & professional growth 17. Practices democratic approach in all dealings				
V	RECORDING, REPORTING AND EVALUATING 18. Able to record & report all relevant facts accurately 19. Evaluate objectively				
	TOTAL				

GRADING:

1. A+ : 80% & above
2. A : 70 – 79%
3. B : 60 – 69%
4. C : 50 – 59%
5. D : Below 49%

KEY:

- 4 - Always
- 3 – Most often
- 2 – Occasionally
- 1 – Seldom

MARKS OBTAINED

Pen picture of student

Signature of student

Signature of clinical supervisor

Signature of Coordinator

Signature of Principal

GUIDELINES FOR LAB / PRACTICAL EXPERIENCE

- ❖ Admission and discharge and transfer of patients
- ❖ Assignment of duties in ward
- ❖ Preparation of duty roaster
- ❖ Supervision of nursing care
- ❖ Indenting of drugs, stores and supplies
- ❖ Maintenance of dangerous drugs – Indenting, Storing, Accounting, Recording
- ❖ Diet – Maintenance of diet sheet
- ❖ Inventories - Expendable and non-expendable
- ❖ Repair and replacements
- ❖ Ward report – Written and Oral reports
- ❖ Supervision and guidance of paramedical staff and domestic staff

Evaluation formats for Nursing service Administration and Education

1. Duties and responsibilities of ward sister 25 mark
2. Planning and implementation of an in service education programme 25 mark
3. Performance appraisal preparation of format 25mark

Assessment of group assignment

Sr.	Particulars	Total
	Objectives	02
1)	Contents <ul style="list-style-type: none">❖ Adequacy❖ Organization❖ Relevance❖ Illustration	3 3 3 2
2)	Presentation <ul style="list-style-type: none">❖ Clarity❖ Appropriate use of AV aids❖ Group Participation	2 3 3
3)	Conclusion and summary	2
4)	Reference	2
	Total	25

Internship (Integrated Practice)

Sr. No	Subject	Theory	Practical (In hrs)	In weeks
1.	Midwifery and Obstetrical nursing		240	5
2.	Community Health Nursing II		195	4
3.	Medical Surgical Nursing (adult And Geriatrics) with nursing administration		430	9
4.	Child Health Nursing		145	3
5.	Mental Health Nursing		95	2
6.	Research Project		45	1
	Total Hours		1150	24

Note:

1. Internship means 8 hours of integrated clinical duties in which 2 weeks of evening and night shift duties are included.
2. Recommended hours of theory should be completed as day system/ block system prior to each posting.
3. Internship should be carried out as 8 hours per day @ 48 hours per week
4. Students during internship will be supervised by nursing teachers
5. Fourth year final examination to be held only after completing internship.

**Obstetrical Nursing –
Practical - 5 weeks (240 hours)**

Area	Duration in weeks	Objective	Skills	Assignment	Assessment methods
Labour ward	2	Provide comprehensive care to mothers and neonates	Integrated practice	Completion of other essential requirements. Case book recordings	Assess clinical performance with rating scale Completion of case book recordings
Neonatal intensive care unit/ NICU	1				
Antenatal	2				

**Community Health Nursing II –
Practical- 4 weeks (195 hours)**

Area	Duration	Objectives	Skills	Assessment
Urban	4 Weeks	<input type="checkbox"/> Provide comprehensive care to individual, family and community	<input type="checkbox"/> Integrated practice and group project- / research project 1 in urban	<input type="checkbox"/> Assess clinical performance with rating scale <input type="checkbox"/> Evaluation of project

Medical Surgical Nursing I and II

Practical – 430hours (9 weeks)

Areas	Duration (in week)	Objectives	Skills	Assignment	Assessment Method
Medical surgical ward	4	<ul style="list-style-type: none"> Learn the skills of nursing management Provide comprehensive care to patient with medical surgical conditions including emergencies 	<ul style="list-style-type: none"> Integrated practice 	<ul style="list-style-type: none"> Making duty roaster , diet sheet, maintaining inventory, performance appraisal and in-service education. Clinical rounds Bed side case presentations 	<ul style="list-style-type: none"> Assess clinical performance with rating scale Checking with supervisor
ICU./ CCU./	2	<ul style="list-style-type: none"> To gain proficiency in ICU nursing Develop advance skill in special procedures used in critical care unit. Identify potential problems and provide accordingly Skills in setting and handling ventilator Administer injection in infusion pump. Record accurately findings and medications. Develop IPR with family members. 	<ul style="list-style-type: none"> Assist in arterial puncture for blood gas analysis. Perform ECG and interpret accordingly Conduct and analysis pulse oximetry Care with artificial airway. Assist in endotracheal intubation Setting up ventilator Giving care in ventilator. Drug sheet Observation of special procedure in OT. 	<ul style="list-style-type: none"> Arterial puncture – 5 Taking out ECG stripe –5 Tracheal suction – 5 For all assigned patients. Oxygen administration by CPAP mask and use Ambu bag. Assessment for all assigned patient Nursing care in ventilator Drug sheet 	<ul style="list-style-type: none"> Record book Checking with supervisor

Neuro ICU,	1	<ul style="list-style-type: none"> • Develop skill in neurological assessment. • Give care to the patient with head injury and spinal injury. • Care with chest surgery and cranial surgery. 	<ul style="list-style-type: none"> • Assess neurologic al status. • Implement care to head injury spinal injury patients. • Drug sheet. • Pre and postoperative care with neuro surgery patients. 	<ul style="list-style-type: none"> • Assessment for all assigned patients. • Nursing care plan-2 • Drug sheet 	<ul style="list-style-type: none"> • Record book. • Observation checklist.
OT laproscopic orthopedic Eye ENT	2	<ul style="list-style-type: none"> • To gain proficiency in OT nursing • Develop advance skill in special procedures used in OT. • Identify potential problems and provide accordingly • Skills in setting the trolley • Record accurately findings and modifications. • Develop IPR with family members. • Acquint with OT technique 	<ul style="list-style-type: none"> • Identify instruments • Assist in OT set up • Supervise sterilization • Assist in OT table lay out. • Observe immediately after operation • Supervise infection control 	<ul style="list-style-type: none"> • Assist – 5 cases 	<ul style="list-style-type: none"> • Record book • Checking with supervisor

Mental Health Nursing

Practical- 2 weeks- (95 hours)

Area	Duration	Objective	Skills	Assignments	Assessment
Psychiatry ward	2 weeks	Provide comprehensive care to patients with mental health problems	Integrated Practice	<ul style="list-style-type: none">• Journal presentation -1	Assess clinical performance with rating scale

Child Health Nursing

Practical- 3 weeks- (145 hours)

Area	Duration	Objective	Skills	Assignments	Assessment
Pediatric medicine ward / ICU	1 week	Provide comprehensive care to children with medical conditions	Integrated Practice	Bedside nursing rounds	Assess clinical performance with rating scale
Pediatric surgery ward / ICU	1 week	Provide comprehensive care to children with surgical conditions	Integrated Practice	Bedside nursing rounds	Assess clinical performance with rating scale
NICU	1 week	Provide intensive care to neonates	Integrated Practice	Bedside nursing rounds	Assess clinical performance with rating scale

Research Project:

Practical - 45 Hours (1 week)

Selecting and conducting small group research project (The number of students in a group should not exceed 10). Group project may be conducted in community setting during their clinical experience in community phase or during their clinical experience in the wards.

Group studies may include, studying existing health problems and practices, nursing procedures, health records and patient records etc.