

Dr. D.Y.Patil College of Nursing, Pimpri, Pune- 18.

MATERNAL NURSING

Placement: II Semester

Time Allotted Theory: 60Hrs

Practical : 240

COURSE DESCRIPTION :

The course is designed to widen the student's knowledge of obstetrics during pregnancy, labour and puerperium. It also helps to acquire knowledge and to develop skill in rendering optimum nursing care to a child bearing mother in a hospital or in community and help management of common gynaecological problems.

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

1. Describe the physiology of pregnancy, labour and puerperium.
2. Manage normal pregnancy, labour and puerperium.
3. Explain the physiology of lactation and advice on management of breast feeding.
4. Provide pre- and post-operative nursing care in obstetric conditions.
5. Identify and manage high risk pregnancy including appropriate referrals.
6. Propagate the concept and motivate acceptance of family planning methods.
7. Teach, guide and supervise auxiliary midwifery personnel.

COURSE CONTENT

UNIT I-INTRODUCTION AND HISTORICAL REVIEW

5 hrs

- Early history of midwifery and evolution of obstetrics
Maternity care and practices in various culture across the world.

Expanded role of the nurse in maternity and gynaecology.

- Safe motherhood initiative
Maternal mortality, morbidity and perinatal mortality.
Legislation related to maternal benefits, MTP acts, incentives and Family planning. Family welfare programme.

UNIT II- ANATOMY AND PHYSIOLOGY OF FEMALE REPRODUCTIVE SYSTEM

6 hrs

- Review of anatomy and physiology of female reproductive system.
- Female pelvis and foetal skull.
- Menstrual cycle
- Human reproduction, gametogenesis, fertilization, embryo.
- Placenta, foetal membrane, liquor amnii, umbilical
- The foetus, foetal growth, foetal physiology, foetal circulation.

UNIT III- NORMAL PREGNANCY

8hrs.

- Physiological changes during pregnancy
- Diagnosis of pregnancy and antenatal care
- Antenatal assessment of foetal well being.
- Physiology of normal labour
- Mechanism of normal labour
- Management of I, II and III stages of labour.
- Physiology of puerperium.
- Physiology of lactation and breast feeding
- Management of normal puerperium

UNIT IV – NEW BORN BABY

6hrs.

- Resuscitation and immediate care of newborn. Including SGA & LGA
- Normal characteristics and essential care of newborn
- Asphyxia Neonatarum, respiratory distress
- Jaundice in newborn
- Birth injuries, congenital anomalies, infection in newborn, and vomiting in newborn.
- Still birth – incidence, causes and prevention
- Care of low birth weight babies in labour room and nursery/ NICU.

UNIT V- MEDICAL DISORDERS IN PREGNANCY

5hrs.

- Hypertensive disorders-Pregnancy induced hypertension, Eclampsia.
- Anaemia in pregnancy
- Diabetes mellitus in pregnancy
- Heart diseases
- Renal disorders in pregnancy
- Jaundice in pregnancy
- Pulmonary TB
- Pregnancy with STD, HIV /AIDS.

UNIT VI- HIGH RISK PREGNANCY

10hrs.

- Abortion
- Hydatiform mole
- Ectopic pregnancy
- Medical termination of pregnancy

- Antepartum hemorrhage – Placenta previa, Abruptio placenta
 - Vomiting in pregnancy
 - Pregnancy in Rh negative women
 - Multiple pregnancy, hydramnios
 - Preterm labour
 - Premature reapture of membrane
 - IUGR, postdatism
 - Pregnancy with previous caesarean section
 - Fibroid with pregnancy
 - Ovarian tumour with pregnancy

UNIT VII- HIGH RISK LABOUR

3hrs.

- Abnormal presentation – Unstable lie, Occipitoposterior, face and brow presentation
- Breech presentation, compound presentation
- Abnormal uterine action in labour and active management of labour
- Contracted pelvis and CPD
- Obstructed labour, rupture of uterus, injuries of maternal birth canal, cord prolapsed.

UNIT VIII-ABNORMALITIES OF PUERPERIUM

4hrs.

- Puerperial pyrexia and sepsis
- Post partum haemorrhage
- Breast complications – Breast engorgement, breast abscess, acute mastitis
- Psychiatric disorders in puerperium

UNIT IX- OBSTETRICAL EMERGENCIES & OPERATIVE OBSTETRICS

3hrs.

- Uterine rupture, cervical tear
- D & E , S & E
- Use of instruments – Episiotomy Forcep, Vacuum
- Caesarean section

UNIT X- PHARMACOTHERAPEUTICS

2hrs.

- Oxytocins, Prostaglandins – use in obstetrics
- Anaesthesia and analgesics used in obstetrics

UNIT XI- SPECIAL INVESTIGATIONS IN OBSTETRICS **2hrs.**

- USG, NST, CTG
- Radiography

UNIT XII – CURRENT TRENDS IN REPRODUCTIVE HEALTH (RCH) **4hrs.**

- Infertility, genetic counseling
- Unwanted pregnancy
- Unwed mother
- Advances in obstetrics and maternity care.

UNIT XIII - GYNAECOLOGICAL NURSING **4hrs.**

- Common Gynecological Problems
- Cervical erosions, Carcinoma
- Fibroids, Uterine and Cervical Prolaps
- Uterine Inversion etc

PRACTICUM: Practice following Procedures

- Antenatal, Postnatal & per vaginal exam.
- Conduct normal delivery (For male candidates minimum conduct of 5 deliveries)
- Motivation of Planned Parenthood, advice on family planning methods.
- Assist in various diagnostic & therapeutic procedure including IUD insertion & removal.
- Follow Nursing process in providing care to 3-6 patients.

PRACTICUM / CLINICAL EXPERIENCE :

TOTAL HOURS : 240

- | | |
|--|----------|
| • Antenatal OPD or ANC Ward : | hours:50 |
| • Labour Room : | hours:60 |
| • Post natal ward / OPD : | hours:50 |
| • Gynaecology ward : | hours:30 |
| • OPD, Family Planning clinics & visits: | hours:30 |
| • Operation Theatre: | hours:20 |

EVALUATION:

Internal Assessment:

Theory:	25 Marks
Practical:	50 Marks

Details as follows:

Internal Assessment (Theory):	25 Marks
Unit test:	25 marks
Prefinal:	75 Marks
Seminar:	100 Marks
Total:	200 Marks
(200 Marks to be converted into 25 Marks)	

Practical:

Details as follows:

1. Unit test 25 marks
2. Prefinal Exam: 50 Marks
3. Clinical Evaluation & Clinical Assignment:
 - Case study: Two (50marks each): 100 Marks
 - Case presentation: One: 50 Marks
 - Clinical evaluation (100 marks each): 300 Marks
 - ANC/ LABOUR ROOM/ PNC
 - Group Health teaching (One) : 025 Marks
 - Nursing care Plan (Gynac: One): 025 Marks

Total Marks:

575Marks

(575 Marks from Practical to be converted into 50 Marks)

External Assessment (Theory): 75 Marks (University Examination)

External Assessment (Practical): 50 Marks

REFERENCES

1. Myles Text Book of Midwives, Eds; Diane M. Fraser and Margaret A. Cooper 14th Ed, Churchill Livingstone.
2. D.C.Dutta Text Book of Obstetrics including Perinatology and Contraception 6th Edition , 2004 New Central Book Agency.
3. Hawkins and Bourne, Shaws Textbook of Gynaecology, Eds; V.G. Padubidri and Shirish N Daftary, 13thed, Reed Elseiver India.
4. S. S. Ratnam, K BhaskerRao and S Arulkumaran, Obstetrics and Gynaecology for Postgraduates, Vol 1 and Vol 2, Orient Longman Ltd 1994
5. Lower milk, perry, Bobak.”Maternity and women’s Health Care” 6th ed.; 1997.

- C.V.Mosby.
6. C.S.Dawn: Textbook for obstetrics& neonatology 12th edition.



**DR. D.Y. PATIL VIDYAPEETH
(DEEMED UNIVERSITY)
(Accredited by NAAC with 'A' grade)
DR. D. Y. PATIL COLLEGE OF NURSING**

**FIRST SEMESTER P.B. BSC NURSING
MATERNAL HEALTH NURSING
EVALUATION OF SEMINAR**

Name of the Student Nurse:

Date:

Time:

Topic:

Sr No.	Criteria	1	2	3	4	5	Remarks
1.	Knowledge of subject matter a) Organization of subject matter. b) Classification of ideas with appropriate and interesting ideas. c) Depth and mastery of subject. d) Anticipated question and has prepared for answer. e) Selection and organization of A. V. aids f) Integration and correlation with other subject matters g) Submitted in time for correction						
2.	Organization and management of classes a) Budgeting of time b) Asked questions for classification c) Class participation						
3.	Effectiveness of seminar a) Introduction of Topic b) Ability to hold student attention c) Stimulate student participation						
4.	Effectiveness of seminar a) Questioning clear and stimulating b) Maintaining learning atmosphere c) Use of Black Board						

5.	Personal Appearance a)Neatness and professional appearance b)Degree of self confidence c)Language(Appropriate correct, clear, tone, mannerism) d)Punctuality(Starting lesson, completing lesson)						
	Total marks out of 100						

Evaluator's Comments:



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Signature of the student:

Signature of the Evaluator

SECOND SEMESTER P.B. BSC NURSING
MATERNAL HEALTH NURSING
EVALUATION CRITERIA FOR CASE STUDY- ANC

Name of the Student:

Topic:

Date of Submission:

(Maximum Marks – 50)

SN	Criteria	Marks Allotted	Marks Obtained
1	Assessment	05	
2	Theoretical knowledge about disease	05	
3	Comparative study of the patient's disease & book picture.	10	
4	Management: Medical or Surgical.	05	
5	Nursing Process	15	
6	Drug study	03	
7	Summary & conclusion including research evidence	05	

8	Bibliography	02	
	Total	50	

Remark:

Signature of Student



Signature of Evaluator

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Date:

Date:

**SECOND SEMESTER P.B. BSC NURSING
MATERNAL HEALTH NURSING
EVALUATION CRITERIA FOR CARE PLAN (Gynac)**

Name of the Student:

Topic:

Date of Submission:

(Maximum Marks – 25)

Sr no	CONTENT	Marks allotted	Marks obtained
1	Format	03	
2	Nursing history and examination	05	
3	Nursing care plan		
4	Problems	05	
5	Plan of care	07	
6	Implementation & evaluation	05	
	TOTAL	25	

Remark:

Signature of Student

Date:

Signature of Evaluator

Date:



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**SECOND SEMESTER P.B. BSC NURSING
MATERNAL HEALTH NURSING
EVALUATION CRITERIA FOR CASE STUDY- PNC**

Name of the Student:

Topic:

Date of Submission:

(Maximum Marks – 50)

SN	Criteria	Marks Allotted	Marks Obtained
1	Assessment	05	
2	Theoretical knowledge about disease	05	
3	Comparative study of the patient's disease & book picture.	10	
4	Management: Medical or Surgical.	05	
5	Nursing Process	15	
6	Drug study	03	
7	Summary & conclusion including research evidence	05	

8	Bibliography	02	
	Total	50	

Remark:

Signature of Student

Date:

Signature of Evaluator

Date:



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**SECOND SEMESTER P.B. BSC NURSING
MATERNAL HEALTH NURSING
EVALUATION CRITERIA FOR HEALTH TEACHING**

Name of the Student:

Topic:

Date of Submission:

(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	

Remark:

Signature of Student
Date:

Signature of Evaluator
Date:



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**SECOND SEMESTER P.B. BSC NURSING
MATERNAL HEALTH NURSING
EVALUATION CRITERIA FOR CASE PRESENTATION ANC/ PNC**

Name of the Student:

Topic:

Date of Submission:

(Maximum Marks – 50)

SN	Criteria	Marks Allotted	Marks Obtained
1	Assessment	05	
2	Theoretical knowledge about disease	05	
3	Comparative study of the patient's disease & book picture.	10	
4	Management: Medical or Surgical.	05	
5	Nursing Process	15	
6	Drug study	03	

7	Summary & conclusion including research evidence	05	
8	Bibliography	02	
	Total	50	

Remark:

Signature of Student
Date:

Signature of Evaluator
Date:



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**SECOND SEMESTER P.B.BSC NURSING
CLINICAL EVALUATION I (ANC)**

Name of the student: -

Date:-

Subject: -

Place:-

Name of the evaluator:-

Sr No	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 & displayed persuasive assertive leadership behavior.					
II	Attitude to Co-workers & patients					
	1. Works well as member of nursing 2. Gives assistance to other in clinical situations. 3. Understands the patient as an individual. 4. Shows skills in gaining the confidence & co-operation of patients & relatives, tactful and considerate.					
III	Application of knowledge					
	1. Possess sound knowledge of medical surgical conditions. 2. Has sound knowledge of scientific principles. 3. Able to correlate theory with practice. 4. Has knowledge of current treatment modalities inclusive of medicine,					

IV	surgery, pharmacology and dietetics.					
	5. Take interest in new learning from current literature & seeks help from resourceful people.					
	Quality of clinical skill					
	1. Identifies problem & sets priority & grasps essential while performing duties.					
	2. Applies principle in carrying out duties promptly.					
	3. Has technical competence in performing nursing procedures.					
	4. Resourceful and practices economy of time material & energy.					
	5. Observes carefully, reports & records signs & symptoms & other relevant information.					
	6. Uses opportunities to give health education to patients & relatives.					
	TOTAL					

Remarks:



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Sign of Student
Date:

Sign of Evaluator
Date:

**SECOND SEMESTER P.B.BSC NURSING
CLINICAL EVALUATION II (LABOUR ROOM)**

Name of the student: -

Date:-

Subject: -

Place:-

Name of the evaluator:-

Sr No	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 & displayed persuasive assertive leadership behavior.					
II	Attitude to Co-workers & patients 1. Works well as member of nursing 2. Gives assistance to other in clinical situations. 3. Understands the patient as an individual. 4. Shows skills in gaining the confidence & co-operation of patients & relatives, tactful and considerate.					
III	Application of knowledge 1. Possess sound knowledge of medical surgical conditions. 2. Has sound knowledge of scientific principles. 3. Able to correlate theory with practice. 4. Has knowledge of current treatment modalities inclusive of					

IV	<p>medicine, surgery, pharmacology and dietetics.</p> <p>5. Take interest in new learning from current literature & seeks help from resourceful people.</p> <p>Quality of clinical skill</p> <ol style="list-style-type: none"> 1. Identifies problem & sets priority & grasps essential while performing duties. 2. Applies principle in carrying out duties promptly. 3. Has technical competence in performing nursing procedures. 4. Resourceful and practices economy of time material & energy. 5. Observes carefully, reports & records signs & symptoms & other relevant information. 6. Uses opportunities to give health education to patients & relatives. 					
	TOTAL					

Remarks:

Sign of Student

Sign of Evaluator



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Date:

Date:

**SECOND SEMESTER P.B.BSC NURSING
CLINICAL EVALUATION III (PNC)**

Name of the student: -

Date:-

Subject: -

Place:-

Name of the evaluator:-

Sr No	Criteria	GRADES				
		5	4	3	2	1
I	<p>Personal & professional behavior</p> <ol style="list-style-type: none"> 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 & displayed persuasive assertive leadership behavior. 					
	<p>II</p> <p>Attitude to Co-workers & patients</p> <ol style="list-style-type: none"> 1. Works well as member of nursing 2. Gives assistance to other in clinical situations. 3. Understands the patient as an individual. 4. Shows skills in gaining the confidence & co-operation of patients & relatives, tactful and considerate. 					
III						

IV	Application of knowledge <ol style="list-style-type: none"> 1. Possess sound knowledge of medical surgical conditions. 2. Has sound knowledge of scientific principles. 3. Able to correlate theory with practice. 4. Has knowledge of current treatment modalities inclusive of medicine, surgery, pharmacology and dietetics. 5. Take interest in new learning from current literature & seeks help from resourceful people. 					
	Quality of clinical skill <ol style="list-style-type: none"> 1. Identifies problem & sets priority & grasps essential while performing duties. 2. Applies principle in carrying out duties promptly. 3. Has technical competence in performing nursing procedures. 4. Resourceful and practices economy of time material & energy. 5. Observes carefully, reports & records signs & symptoms & other relevant information. 6. Uses opportunities to give health education to patients & relatives. 					
TOTAL						

Remarks:

Sign of Student
Date:

Sign of Evaluator
Date:

Dr. D.Y.Patil College of Nursing, Pimpri, Pune- 18.

MICROBIOLOGY

Placement: II Semester

Time Allotted Theory : 60 Hrs

Practical: 30 Hrs

COURSE DESCRIPTION

This course reorients the students to the fundamentals of Microbiology and its various sub-divisions. It provides opportunities to gain skill in handling and use of microscope for identifying various micro-organisms. It also provides opportunities for safe handling of materials containing harmful bacteria and methods of destroying microorganisms.

OBJECTIVES: After the course the students will develop

1. Identify common disease causing organisms
2. Basic principles of Microbiology & its significance in health & disease
3. Handling of infective specimens
4. Various methods of sterilization & disinfection
5. Role of nurse in hospital infection control system

COURSE CONTENTS:

UNIT I -INTRODUCTION

3 hrs

- General Microbiology: History, (Fracostoriues of Verona to the Latest Nobel Laureates short note on Pasteur and Koch) and Introduction
- Microscope (Types – dissecting to Electron measuring scale up to nanometer)

UNIT II- GENERAL MICROBIOLOGY

- Morphology and Physiology (Size, Shape, structure., spore, flagella, capsule)
- Staining (demonstration) Gram's + Z N's + Motility

UNIT III- BACTERIAL GROWTH REQUIREMENT

5 hrs

- Growth requirement of Bacteria + Bacteria growth curve
- Cultural media different
- Collection processing of sample and bacteria

UNIT IV - STERILIZATION & DISINFECTION

5 hrs

- Sterilization + Disinfections
- Sterilization demo of instruments, Different disinfectants dilute
- Hospital infection control Biosafety + Fumigation and role of nurse
- Bacterial genetics (emphasis to drug resistance) Host parasite relationship

UNIT V - SYSTEMIC BACTERIOLOGY

10 hrs

- Morpho, growth requirements, diseases caused vaccine epideo)
- Pyogenic cocci causing diseases Staphylococci
- Streprococci and Pneumococci and Neisseria
- Salmonella + Shigella
- E coli diarrheoa + Cholera + Pseudomonas
- C. diptheria + Chlamydia
- Anaorobes intro. + C. welchii
- C. tetani + nonsporing anaerobes mention diseases
- Tuberculosis
- Leprosy + Aty
- Spirocheate + Leptospira
- Chlamydia
- Demo different morphology of bacteria G + C, G + B, GNC, GNB
- Demo of organism Spore, Capsule, fungi, AFB

UNIT VI- SYSTEMIC MYCOLOGY

5 hrs

- Fungi intro., Dermatophytes

- Mycetophytes
- Mycetoma, Rhino, Crypto
- Candida and Lab. Diagnosis of fungal infections

UNIT VII- IMMUNOLOGY

5 hrs

- Immunity
- Antigen
- Antibody
- Ag X Abs reaction serological
- Immune Response
- Hypersensitivity

UNIT VIII- SYSTEMIC PARASITOLOGY

10 hrs

- Intro classification and some terms
- Amoeba + Giardia
- Trichomonas + Leishmania
- Malaria + Toxoplasma
- Cestodes (Taenia sodium and saginata E. granuloses)
- Intestinal Nematodes
- Tissue Nematodes
- Vectors
- Diff. Parasites and vectors stool preparation demo

UNIT IX - SYSTEMATIC VIROLOGY

8 hrs

- Gen. Prop. Cultivation classification
- Herpes virus
- Picorna virus
- Measles, Mumps, Chicken pox
- Ortho and Arbo (Dengue)
- Rhabdo virus
- Hepatitis virus
- HIV and AIDS

UNIT X -CLINICAL MICROBIOLOGY

6 hrs

- PUO, UTI, STD, Wound infection
- Micro – organism transmitted through food
- Food poisoning, food born infection

PRACTICUM:

Each student will practice in laboratory as indicated in each unit of the courses outline. While giving nursing care in the wards they will practice collection and processing of specimens, prevention and control of hospital infections, sterilization, immunization, chemotherapy and maintenance of personal and environmental hygiene. Observation visit to incinerator, posting in CSSD and infection control department

EVALUATION:**Internal Assessment:**

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

Unit test: 25 marks
Prefinal: 75 Marks
Journal: 25 Marks
Total: 125 Marks

(125Marks to be converted into 25 Marks)

External Assessment (Theory): 75 Marks (University Examination)

REFERENCES:

- 1) Ananthnarayan : Textbook of Microbiology
- 2) Chakravarti : Textbook of Microbiology
- 3) Chattergey K.D. : Text book of Parasitology
- 4) Panikar : Textbook of Parasitology
- 5) Konemen : Textbook of Medical Microbiology
- 6) Marion E. Wilson: Microbiology in Nursing Practice.



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DR. D. Y. PATIL COLLEGE OF NURSING**

FIRST SEMESTER P.B. BSC NURSING**EVALUATION CRITERIA FOR MICROBIOLOGY JOURNAL**

SR.N O	ITEMS	MAXIMUM MARKS	MARKS OBTAINED
1	Description of content		
	Organisation	4	
	Adequacy of content	5	

	Relatedness	4	
2	Illustration Of content		
	Adequacy	4	
	Neatness	4	
	Presentation	4	
	Total	25	

Signature of Student

Signature of Teacher

Dr. D.Y.Patil College of Nursing, Pimpri, Pune- 18.

CHILD HEALTH NURSING

Placement: II Semester

Theory : 60hrs

Practical : 240hrs

COURSE DESCRIPTION:

This course is aimed at developing an understanding of the modern approach to child care, the principles of child health nursing and the common problems of neonates and children in health and sickness.

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 apply them in providing nursing care to children in the hospital and in the community.

COURSE CONTENT

UNIT I- INTRODUCTION TO CHILD HEALTH NURSING

8hrs.

- Modern concept of child care
 - Internationally accepted rights of the child.

- Changing trends in hospital care, preventive, promotive and curative aspects of child health Child morbidity and mortality rates
- National policy and legislation's in relation to child health and welfare
- National programmes related to child health and welfare.
- Differences between adult and child
- Hospital environment for a sick child and role of a paediatric nurse in caring for the hospitalized child
- Principles of pre and post operative care of infants and children
- Paediatric nursing procedures Perpn of child for diagnostic tests, collection of specimens, calculation and administration of oral and parenteral medication, feeding, adm of oxygen, nebulisation, collection of specimens, exchange transfusion, restraints

UNITII-THE HEALTHY CHILD

12hrs.

- Growth & development ---. Principles factors
 - Affecting growth & development.
- Assessment of growth and development
 - Growth & development from birth to adolescence, needs of normal children through stages of development and parental guidance.
- Nutritional needs of infants and children, principles of paediatric nutrition
 - Breast feeding
 - Artificial feeding & Weaning
- Infancy, toddler, pre schooler, school age child and adolescents.
- Role of play in children-Need, importance and value of play, selection of play material and nurse's role.
- Preventive immunization

UNIT III- CARE OF THE NEWBORN

4hrs

- Characteristics and care of a newborn
- Asphyxia neonatorum& neonatal resuscitation
- Low birth weight infants
- Nursing management of common neonatal disorders
- Neonatal jaundice & photo therapy
- Neonatal sepsis & hypoglycemia
- Organization of Neonatal units, Prevention & Control of infection

- Critical care concept in child health

UNIT IV –NURSING MANAGEMENT OF COMMON CHILDHOOD ILLNESS.32 hrs

(a) Nutritional deficiency disorders.

- Protein energy malnutrition
- Vitamin deficiency disorders
- (Rickets, scurvy, Vit A deficiency disorders)

(b) Respiratory diseases & disorders.

- Acute bronchitis & Bronchiolitis
- Pneumonia
- BranchialAsthama

(c) Disorders of the gastro-intestinal system.

- Acute gastroenteritis
 - Tracheo esophageal fistula
- Cleft lip and palate
- Hypertrophic Pyloric Stenosis
- Hirschsprung’s Pyloric Stenosis
- Anorectal anomalies

(d) Cardiovascular System

- Rheumatic fever
- Congenital heart diseases
- Congenitive cardiac failure

(e) Disorders of Gen ito urinary System

- Acute glomerulo nephritis
- Nephrotic Syndrome
- Wilm’s tumour & Congenital disorders

(f) Neurological Disorders

- Convulsions in children & Epilepsy
- Meningitis & Encephalitis
- Hydrocephalus, Meningocele and meningomyelocele

(g) Haematological Disorders

- Anaemia & Thalassemia
- Idiopathic thrombocytic Purpura & Hemophilia
- Leukaemia

(h) Endocrine Disorders

- Juvenile Diabetes Mellitus

(i) Orthopaedic Disorders

- CTEV (Club foot), Congenital hip dislocation
- Fractures

(j) Disorders of Skin, Eye & ENT Skin

- Eczema, urticaria, scabies, pediculosis, worm infestations
- Eye & ENT Tonsillitis, Deafness, Otorrhoea, Otitis Media, Cong Cataract, hypertelorism

(k) Communicable Diseases in Children

- Measles/rubella, Chicken pox
- Diphtheria, whooping cough
- Tetanus, Poliomyelitis
 - AIDS
 - Tuberculosis

(m) Paediatric Emergencies

- Accidents, Poisoning, Stings & Bites
- Foreign bodies, Haemorrhage & Drowning Burns

UNIT V :MANAGEMENT OF BEHAVIOURAL PROBLEMS IN CHILDREN CHILDHOOD ILLNESS. 04hrs.

- Enuresis, Encoprecis, temper tantrums somnambulism, juvenile delinquency, speech defects, tics, pica, antisocial behavior
- Management of challenged children
 - Need for early diagnosis, treatment and rehabilitation of Mentally challenged-Mental retardation
- Physically challenged – Cerebral palsy
 - Socially challenged – Child abuse & child labour

UNIT VI :INTEGETED MANAGEMENT OF NEONATAL AND CHILDHOOD ILLNESSES PRACTICUM 10 hrs

The students will:-

1. Be posted in pediatric medical and surgical ward, OPD in hospital, health centre and neonatal unit.
2. Visit a centre for handicapped children and write observation report.
3. Write an observation study of normal children of various age groups in home/ nursery school/crèche.
4. Follow nursing process in providing care to 3-6 children.
5. Write at least two nursing care studies and do a presentation.
6. Give two planned health teachings, one in hospital and one in OPD/health centre.

7. Practice the following nursing procedures :
 - 7.1. Taking pediatric history
 - 7.2. Physical assessment of children
 - 7.3. Baby bath
 - 7.4. Feeding- spoon & vati, nesogastric feeding.
 - 7.5. Restraining
 - 7.6. Calculation of dosage of drugs and administration of medications and injections
& Intra Venous Infusion
 - 7.7. Collection of specimens
 - 7.8. Enema. Bowel was. Colostomy irrigation
 - 7.9. Steam and Oxygen inhalation
 - 7.10. Preparation to assist with diagnostic tests and operations
 - 7.11. Examination/ Assessment of a newborn
 - 7.12. Neonatal resuscitation
 - 7.13. Care of a baby in incubator and on ventilator
 - 7.14. Photo therapy
 - 7.15. Assist in exchange transfusion and other therapeutic procedures

CLINICAL EXPERIENCE:

Total Hours: 240

Pediatric Medical	hours: 60
Pediatric Surgical	hours: 60
Intensive Pediatric Critical Unit	hours: 30
NICU	hours: 30
OPDs including (CWC, CGC)	hours: 30
Visits-(various agencies: i.e., crèches, schools, nursery, Special schools & handicapped, etc.)	hours: 30

EVALUATION:

Internal Assessment:

Theory : 25 Marks
Practical: 50 Marks

Internal Assessment (Theory): 25 Marks

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

Unit test 25 marks
 Prefinal: 75 Marks
 Seminar: 100
 Total: 200 Marks

(200Marks to be converted into 25 Marks)

Internal assessment (Practicum): 50Marks

Practical Exam:

1) Unit test	25 marks
2) Prefinal	50 Marks
3) Clinical Evaluation & Clinical Assignment:	
i) Case study (two): (One Paediatric Medical & One paediatric surgical-50 marks each)	100 Marks
ii) Case presentation (one)	50 Marks
iii) Clinical evaluation of compressive nursing care- (One paediatric medical, One paediatric surgical & One NICU-100 Marks each)	300 Marks
iv) Health teaching	50 Marks
v) NICU Report	25Marks
vi) Assessment of growth and development (Preterm baby, Infant, Toddler, Preschooler, and scholar (Marks 20 each).	100 Marks

Total:**700 Marks****(700 Marks from Practicum to be converted into 50 Marks)****External Assessment:**

Theory: 75 Marks

(University Exam)**Practical: 50 Marks****REFERENCES:**

1. Marlow Dorothy and Redding. Text book of Paediatric Nursing. 6th edition Hartcourt India Ltd, New Delhi,2001.
2. Wong Dona et al. Whaley and Wongs Nursing care of Infants and children. 6th edition. Mosby Company, Philadelphia,2000.
3. Black G Florence and Wright. Essential of Paediatric Nursing. JB Lippincott & Co. Philadelphia.
4. Parthasarathy et al. IAP Text book of Paediatrics. 1st edition Jaypee Brothers, New Delhi-2000
5. Ghai OP et al. Ghai's Essentials of Paediatrics. 5th edition. Mehta Offset works, New Delhi,2000
6. Vishwanathan and Desai. Achar's Text book of Paediatrics. 3rd edition. Orient Langman. Chennai,1999.



**DR. D.Y. PATIL VIDYAPEETH
(DEEMED UNIVERSITY)
(Accredited by NAAC with 'A' grade)
DR. D. Y. PATIL COLLEGE OF NURSING**

**SECOND SEMESTER P.B. BSC NURSING
CHILD HEALTH NURSING
EVALUATION CRITERIA FOR HEALTH TEACHING**

Name of the Student:

Topic:

Date of Submission:

(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	

Remark:

Signature of Student
Date:

Signature of Evaluator
Date:

-

Dr. D.Y.Patil College of Nursing, Pimpri, Pune- 18.

PSYCHOLOGY

Placement: II Semester

**Time Allotted Theory : 60 Hrs
 Practical: 15 Hrs**

COURSE DESCRIPTION:

This course is designed to orient students with regards to psychological principles, and widen their knowledge of the fundamentals of psychology. The course offers students an opportunity to understand the psychodynamics of patient behavior and to apply theoretical concepts in practical settings.

OBJECTIVES: The course aims towards the developing students skills in –

- Understanding herself and others
- Analysing her own thought and behavior patterns
- Using psychological principles to improve her efficiency in nursing care
- Applying psychological principles while performing nursing duties
- Distinguishing psychological processes during health and sickness
- Planning nursing care with regards to psychological needs and concerns
- Participating in psychological assessment of patients

COURSE CONTENTS

UNIT I- INTRODUCTION TO PSYCHOLOGY

3 hrs

- Definition, history and scope
- Branches and methods
- Relationship with other subjects
- Psychology and the student nurse
- Habits and skills

UNIT II -SENSATION, ATTENTION AND PERCEPTION

6 hrs

- Sensation – Definition and sensory processes
- Problems in sensation
- Attention – Definition, characteristics and types
- Factors affecting attention
- Distraction and sustaining attention
- Perception – Definition and characteristics
- Perception of form, depth and movement
- Types and difficulties in perception
- Problems and nursing care

UNIT III- LEARNING

5 hrs

- Definition, nature and conditioning theories
- Learning process, laws and types and factors
- Learning during health and sickness

UNIT IV- MEMORY AND FORGETTING

5 hrs

- Memory – Definition and nature
- Memory models and factors affecting memory
- Methods to improve memory
- Forgetting – Definition, explanation of forgetting
- Memory during health and sickness
- Forgetting during health and sickness

UNIT V- MOTIVATION

6 hrs

- Definition, nature and theories
- Needs and motives – Biological and social
- Frustration and conflicts
- Types of conflicts
- Self actualization
- Application in nursing care

UNIT VI- EMOTION

5 hrs

- Definition and meaning, theories
- Expressions and perceptions
- Emotions in sickness, nursing care

UNIT VII ATTITUDES **5 hrs**

- Definition and nature, theories
- Factors influencing attitude formation
- Role of attitudes in health and sickness

UNIT VIII- INTELLIGENCE AND ABILITIES **6 hrs**

- Definitions and nature, theories
- Psychological testing and measurement
- Mental retardation and IQ
- Intelligence and abilities during sickness

UNIT IX- PERSONALITY **7 hrs**

- Definition, nature, factors influencing personality
- Theories of personality development
- Defense mechanism
- Psychological problems
- Personality disorders and nursing

UNIT X -INDIVIDUAL DIFFERENCE **4 hrs**

- Definition and significance
- Heredity and environment
- Role in health and sickness
- Implications in nursing

UNIT XI -PSYCHOLOGICAL ASPECTS OF NURSING **5 hrs**

- Behaviour during sickness
- Understanding the client
- Psychological approach in nursing care
- Psychological needs of child, adolescent, adult, aged Chronically ill and attendants

UNIT XII -MENTAL HYGIENE **3 hrs**

- Concepts and meaning of mental hygiene
- Characteristics of a mentally healthy person
- Factors influencing mental health

Theory: 25 Marks

Total: 25 Marks

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

Unit test: 25 Marks

Prefinal: 75 Marks

Written Assignment: 25 Marks

Total: 125 Marks

(125Marks to be converted into 25 Marks)

External Assessment: 75 Marks

REFERENCES:

1. Bhatia, B.D. and Craig, M: Elements of psychology and mental hygiene for nurses; Chennai: Orient Longman Pvt. Ltd
2. Dandekar, W.N.: Fundamentals of experimental psychology; Kolhapur: MoghePrakashan
3. Hurlock, E.: Developmental psychology; Singapore: Tata McGraw Hill York, Macmillan Co.
- 4) T.N.A.I. (1966): Physics and Chemistry; Laboratory Manual for Student Nurses; 3rd Ed. New Delhi, T.N.A.I.
- 5) Waters, M.(1958): Elementary physics for Nurses; 6th ed London, Faber and fabor.
- 6) KIGOUR, O.F.G.(1978): An Introduction to the physical aspects of Nursing

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Introduction to Computer

Placement: II Semester

Theory – 25 Hours
Class -05 + lab 20

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	13Hrs T=1 P=11	<ul style="list-style-type: none"> •Identify & define various concepts used in computer •Identify application of computer in nursing • •Describe and Use the Disk Operating System •Demonstrate skill in the use of MS Office 	<p>Introduction</p> <ul style="list-style-type: none"> •Concepts of Computers •Hardware and software; trends and technology <p>Application of computers in nursing</p> <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"> •Lecture Discussion •Demonstration •Lecturer Discussion •Demonstration 	<ul style="list-style-type: none"> •Short answers •Objective type. •Short answers •Objective type •Practical Exam.
II	3 Hrs T=1 P=2	<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
III	2 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
IV	4 Hrs T=1 P=2	<ul style="list-style-type: none"> •Describe and use the statistical packages 	<ul style="list-style-type: none"> •Statistical packages : types and their features •Use of Internet and e-mail •Accessing the website 	<ul style="list-style-type: none"> •Lecturer Discussion •Demonstration •Practice Session 	<ul style="list-style-type: none"> •Short answers •Objective type •Practical Exam and Viva Voce
V	2Hrs T=1 P=2	<ul style="list-style-type: none"> •Describe the use of Hospital Management System 	<ul style="list-style-type: none"> •Hospital Management System : Types and uses 	<ul style="list-style-type: none"> •Lecture Discussion •Demonstration 	<ul style="list-style-type: none"> •Short answers •Objective type

Unit	(Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment methods
					•Practical Exam and Viva Voce

REFERENCES:

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

Evaluation Scheme

INTERNAL ASSESSMENT

Periodical	:	25
Pre-final	:	50
Total	:	75

25 Marks
(Send to University)

EXTERNAL ASSESSMENT

College examination : **75 Marks**

(Out of 100 Marks to be send to the University along with Internal Assessment marks for inclusion in the Mark Sheet.)