

Final Year B.Sc Nursing

Subject- Midwifery & obstetrical nursing

Faculty – Mrs. Jayabala Aghamkar & Mrs. Avnee Naik

Unit	Topic	Number Of Lectures	Lecture Serial No.
UNIT I	Introduction to midwifery and obstetrical nursing <ul style="list-style-type: none"> • Introduction to concepts of midwifery and obstetrical nursing • Trends in Midwifery and obstetrical nursing 	1	1
	<ul style="list-style-type: none"> • Historical perspectives and current trends • Legal and ethical aspects. 	1	2
	<ul style="list-style-type: none"> • Pre-conception care and preparing for parenthood. • Role of nurse in midwifery and obstetrical nurse. 	1	3
	<ul style="list-style-type: none"> • National policy and legislation in relation to maternal health and welfare. 	1	4
	<ul style="list-style-type: none"> • Maternal, morbidity, mortality rates. • Perinatal , morbidity and mortality rates. 	1	5
UNIT 2	Review of anatomy and physiology of female reproductive system and fetal development. <ul style="list-style-type: none"> • Female pelvis-general description of the bones, joints ,ligaments, planes of pelvis, diameters of the true pelvis important landmarks, variations in pelvis shape • Female organs of reproductive external genitalia, internal genital organs and their anatomical relations, musculature-blood-supply, nerves lymphatic, pelvic cellular tissue, pelvic peritoneum. 	2	6-7

	<ul style="list-style-type: none"> • Physiology of menstrual cycle • Human sexuality • Fetal development • Conception 	2	8-9
	<ul style="list-style-type: none"> • Review of Fertilization, implantation, development of the embryo and the placenta at a term- function, abnormalities the foetal sac , amniotic fluid , the umbilical cord. 	2	10-11
	<ul style="list-style-type: none"> • Foetal circulation, foetal skull, bones, sutures, and measurements • Review of Genetics 	2	12-13
UNIT 3	<p>Assessment and management of pregnancy (ante-natal)</p> <ul style="list-style-type: none"> • Normal pregnancy • Psychological changes during pregnancy • Reproductive system • Cardiovascular system • Respiratory system • Urinary system • Gastro-intestinal System • Metabolic changes • Skeletal changes • Skin changes • Endocrine system • Psychological changes • Discomforts of pregnancy • Diagnosis of pregnancy • Signs • Differential diagnosis • Confirmatory tests • Ante-natal test • Objectives • Assessment 	3	14-16

	<p>History and Physical examination.</p> <ul style="list-style-type: none"> • Antenatal examination • Signs of previous child birth • Relationships 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 and non-invasive and Ultrasonic, cardiotomography, NST, CST</p>	3	17-19
	<p>Antenatal preparation</p> <ul style="list-style-type: none"> • Antenatal counseling • Antenatal exercises • Diet • Substances use Education for child-birth • Husband and families • Preparation for safe-confinement • Prevention from radiation • Psycho-social and cultural aspects of pregnancy • Adjustment of pregnancy • Unwed mothers • Single Parent • Teenage Pregnancy • Sexual violence • Adoption 	2	20-21
UNIT 4	<p>Assessment management of intra-natal period</p> <ul style="list-style-type: none"> • Physiology of labour, mechanism of labour • Management of labour <p>First Stage</p> <ul style="list-style-type: none"> • Signs and symptoms of onset of labour • Labour Room • Woman-assessment and observation in labour, partogram – monitoring • Active management of Labour, Induction of labour • Pain Relief and comfort 	4	22-25

	<p>SECOND STAGE</p> <ul style="list-style-type: none"> • Signs and Symptoms, normal and abnormal • Duration • Conduct of delivery, Principles and Techniques • Episiotomy[only if required] <p>Receiving the New-Born</p> <ul style="list-style-type: none"> • Neonatal Resuscitation initial steps and subsequent resuscitation • Care of Umbilical cord • Immediate assessment including screening for congenital anomalies • Identification • Bonding • Initial Feeding • Screening and Transportation of neonates 	4	26-29
	<p>THIRD STAGE</p> <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 Premium • Maintaining records and reports 	4	30-33
UNIT 5	<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 	2	34-35
	<ul style="list-style-type: none"> • Family dynamics after child-birth • Family welfare services; methods Counseling • Follow-up • Records and reports 	3	36-38

UNIT 6	Assessment and management of normal neonates <ul style="list-style-type: none"> • Normal neonates • Physiological adaption Initial & Daily assessment Essential new-born care; Thermal control Breast feeding prevention of infection	2	39-40
	<ul style="list-style-type: none"> • Immunization • Minor disorder new-born and its management 	2	41-42
	<ul style="list-style-type: none"> • Level of neonatal care(level-I, II &III) • At primary, secondary and tertiary level • Maintenance of Reports and Records 	2	43-44
UNIT 7	High risk pregnancy assessment & management <ul style="list-style-type: none"> • Screening & assessment Ultrasonic; Cardiotomography NST, CST, non-invasive invasive, Newer modalities of diagnosis 	2	45-46
	<ul style="list-style-type: none"> • High risk approach • Levels of care; primary secondary and tertiary levels • Disorders of pregnancy Hyperemeisis Gravidarum, Bleeding in early pregnancy, abortion, ecotopic Pregnancy, vesicular mole Antepartum haemorrhage 	2	47-48
	<ul style="list-style-type: none"> • Uterine abnormality and displacement • Diseases complicating pregnancy • Medical and Surgical condition • Infections, RTI (STD, UTI, HIV, TORCH) 	2	49-50
	Gyneological diseases complicating pregnancy Pregnancy induced hypertension & diabetes, Toxemia of pregnancy, Hydraminos Rh incompetability Mental disorders	2	51-52

	<ul style="list-style-type: none"> • Adolescent pregnancy ,Elderly primi and grand multi para • Multiple pregnancy • Abnormalities of placenta and cord • Intra-uterine growth retardation • Nursing management mothers with high-risk pregnancy • Maintenance of Records and Reports 	2	53-54
UNIT 8	Abnormal Labour Assessment and Management <ul style="list-style-type: none"> • Disorders in labour CPD & contracted pelvis Malpositions and malpresentations Premature Labour, disorders of uterine action- precipitate labour prolonged labour Complications of third stage: injuries to birth canal 	4	55-58
	<ul style="list-style-type: none"> • Obstetrical emergencies and their management; Presentation and prolapse of cord, vasa praevia, amniotic fluid embolism, rupture of uterus, shoulder dystocia, obstetrical shock 	3	59-61
	<ul style="list-style-type: none"> • Obsterical procedure & Operations Induction of labour, forceps, vacuum version, manual removal of placenta, caesarean section destructive operation • Nursing management of women undergoing obstetrical operations and procedures 	3	62-64
UNIT 9	Abnormalities during post natal periods <ul style="list-style-type: none"> • Assessment and management of women with postnatal complications • Puerparial infections, breast engorgement and infections, UTI, thrombi- embolic disorders, post partum haemorrhage, 	2	65-66

	Eclampsia and subinvolution Psychological complications: -Post partum blues -Post partum Depression -Post partum psychosis	2	67-68
UNIT 10	Assessment & Management of high risk newborn: <ul style="list-style-type: none"> Admission of neonatal neonates in the neonatal intensive care unit protocols. 	2	69-70
	<ul style="list-style-type: none"> Nursing management of low birth weight babies -Infections -respiratory problems -Haemolytic disorders -Birth injuries -Malformations	3	71-73
	<ul style="list-style-type: none"> Monitoring of high risk neonates Feeding of high risk neonates Organization & management of neonatal intensive care unit Maintenance of reports & records 	3	74-76
Unit 11	Pharmacotherapy in obstetrics <ul style="list-style-type: none"> Indication dosage, action contra indication & side effects of drugs Effects of drugs on pregnancy, labour & puerperium. 	2	77-78
	<ul style="list-style-type: none"> 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 & neonates 	2	79-80
Unit 12	Family Welfare Programme- <ul style="list-style-type: none"> Population trends and problems in India Concepts aims, importance and history of family welfare programme 	2	81-82

	<ul style="list-style-type: none"> • National Population: Dynamics, policy & education • National Family Welfare Programme, RCH, ICDS, MCH, Safe motherhood • Organization and administration; 	2	83-84
	<ul style="list-style-type: none"> • at national state, district, block and village level • Methods of contraception spacing temporary & permanent, Emergency contraception 	2	85-86
	<ul style="list-style-type: none"> • Infertility & Its Management • Counselling for family welfare programme • Latest research in contraception 	2	87-88
	<ul style="list-style-type: none"> • Maintenance of vital statistics • Role of national, international and voluntary organizations • Role of nurse in family welfare programme <p>Training/ Supervision / Collaboration with other functionaries in community like ANMs. LHVs, Anganwadi workers, TBAs (Traditional birth attendant-Dai)</p>	2	89-90

Evaluation

Internal assessment

Theory:

Unit test 1

Mid term

Pre final-

25

50

75

Maximum Marks: 25

Assignments:

Seminar 01-

Drug study

50

50

Total

250 (Send University out of 25)

External assessment

University examination

Theory

Practical

Marks 75

Marks 50

Practical

- | | |
|---|------------------|
| 1. Case presentation 01
Antenatal ward/ postnatal ward | Marks 50 |
| 2. Case study 03 | Marks 150 |
| • Antenatal ward- 01 | |
| • Postnatal ward- 01 | (50 Marks each) |
| • New born- 01 | |
| 3. Health education 01 | Marks 25 |
| 4. New born assessment 01 | Marks 25 |
| 5. Case book | Marks 100 |
| 6. Clinical evaluation 04 | Marks 400 |
| • ANC ward 01 | |
| • PNC ward 01 | (100 Marks each) |
| • Nursery 01 | |
| • Labor room 01 | |
| 7. Practical examination | |
| • Unit test | Marks 25 |
| • Midterm examination | Marks 50 |
| • Pre final examination | Marks 75 |

Total 900 (send university out of 50)

REFERENCE:

- DUTTA
 - Text book of obstetrics 6th edition
 - Text book of gynecology 5th edition
- C.S. DAWN
 - Textbook of gynecology and demography 13th edition
- BOBAK JENSEN
 - Essentials of Maternity nursing 3rd edition
- LONGMAN
 - Clinical obstetrics 9th edition
- CAMPBELL
 - Gynecology by ten teachers 17th edition
- MYLES
 - Text book of midwives 14th edition