

# 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                                                                         |
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| 1    | 5          | <ul style="list-style-type: none"> <li>Recognize the trends and issues in midwifery and obstetrical Nursing</li> </ul> | <p><b>Introduction to midwifery and obstetrical Nursing</b></p> <ul style="list-style-type: none"> <li><b>Introduction to concepts of Midwifery and obstetrical nursing.</b> <ul style="list-style-type: none"> <li>Trends in Midwifery and obstetrical nursing.                             <ul style="list-style-type: none"> <li>Historical perspectives and currents trends.</li> <li>Legal and ethical aspects</li> <li>Pre-conception care and preparing for parenthood</li> <li>Role of nurse in midwifery and obstetrical care.</li> <li>National policy and legislation in relation to maternal health &amp; welfare</li> <li>Maternal, morbidity, mortality rates</li> <li>Perinatal, morbidity &amp; mortality rates</li> </ul> </li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>* Lecture discussion</li> <li>*Explain using Charts and graphs</li> </ul> | <ul style="list-style-type: none"> <li>*Short answers</li> <li>*Objective type</li> </ul> |

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

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

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

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

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

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

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



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

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

## REFERENCE

### 1. DUTTA-

-Text book of Obstetrics 4<sup>th</sup> Ed.,

-Text book of Gynecology 3<sup>rd</sup> ed.,

### 2. C.S.DAWN-

- Textbook of Gynecology Contraception and Demography 13<sup>th</sup> ed.,

### 3. BOBAK JENSEN-

- Essentials of Maternity Nursing 3<sup>rd</sup> ed.,

### 4. LONGMAN

- Clinical Obstetrics 9<sup>th</sup> ed.,

### 5. CAMPBELL

-Gynecology by ten teachers 17<sup>th</sup> ed.,

### 6. MYLES

- Text book of Midwives 14<sup>th</sup> 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                                                                                                                                                                                                                                                         |
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| Antenatal Clinic/OPD | 2                | * Assessment of pregnant women                                                                                                                                              | <ul style="list-style-type: none"> <li>• Antenatal history taking</li> <li>• Physical Examination</li> <li>• Recording of weight &amp; B.P</li> <li>• Hb &amp; Urine testing for sugar and albumin</li> <li>• Antenatal examination- abdomen &amp; breast</li> <li>• Immunization</li> <li>• Assessment of risk status</li> <li>• Teaching antenatal mothers</li> <li>• Maintenance of Antenatal records</li> </ul>                                                                                                              | *Conduct Antenatal Examinations 30 <ul style="list-style-type: none"> <li>• Health talk-1</li> <li>• Case book recordings</li> </ul>                                                                    | *Verification of findings of Antenatal examinations<br>* Completion of casebook recordings                                                                                                                                                                                 |
| Post natal ward      | 4                | <ul style="list-style-type: none"> <li>• Provide nursing care to post natal mother &amp; baby</li> <li>• Counsel &amp; teach mother &amp; family for parent hood</li> </ul> | <ul style="list-style-type: none"> <li>• Examination &amp; assessment of mother &amp; baby</li> <li>• Identification of deviations</li> <li>• Care of postnatal mother &amp; baby</li> <li>• Perineal care</li> <li>• Lactation management</li> <li>• Breast feeding</li> <li>• Babybath</li> <li>• Immunization,</li> <li>• Teaching postnatal mother:               <ul style="list-style-type: none"> <li>□ Mother craft</li> <li>□ Post natal care &amp;</li> <li>□ Exercises</li> <li>□ Immunization</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Give care to post natal mothers-20</li> <li>• Health talks-1</li> <li>• Case study-1</li> <li>• Case presentation-1</li> <li>• Case book recordings</li> </ul> | <ul style="list-style-type: none"> <li>• Assessment of clinical performance</li> <li>• Assessment of each skill with checklists</li> <li>• Completion of case book recording</li> <li>• Evaluation of case study and presentation and health education sessions</li> </ul> |

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

## MIDWIFERY & OBSTETRIC PRACTICE

### HOURS:

| Hours prescribed   | III year<br>(Hours) | IV year<br>(Hours) | Integr. Practice<br>(Hours) |
|--------------------|---------------------|--------------------|-----------------------------|
| <b>Theory</b>      | <b>90</b>           | <b>-</b>           | <b>-</b>                    |
| <b>Practical</b>   | <b>180</b>          | <b>180</b>         | <b>240</b>                  |
| <b>TOTAL HRS :</b> | <b>THEORY</b>       | <b>90</b>          | <b>+ PRACTICAL</b>          |
|                    |                     |                    | <b>600</b>                  |

### EXAMINATIONS:

|                  | Marks     | THEORY     |           | Marks     | PRACTICAL  |           |
|------------------|-----------|------------|-----------|-----------|------------|-----------|
|                  |           | III year   | IV year   |           | III year   | IV year   |
| <b>Viva</b>      | <b>--</b> | <b>--</b>  | <b>--</b> | <b>50</b> | <b>√</b>   | <b>--</b> |
| <b>Midterm</b>   | <b>50</b> | <b>√</b>   | <b>-</b>  | <b>50</b> | <b>--</b>  | <b>√</b>  |
| <b>Pre final</b> | <b>75</b> | <b>-</b>   | <b>√</b>  | <b>50</b> | <b>-</b>   | <b>√</b>  |
| <b>TOTAL</b>     |           | <b>125</b> |           |           | <b>150</b> |           |

### ASSIGNMENTS:

| THEORY   |                   |            |          |          |
|----------|-------------------|------------|----------|----------|
| NO       | ASSIGNMENT        | MARKS      | III YEAR | IV YEAR  |
| <b>1</b> | <b>Seminar</b>    | <b>50</b>  | <b>√</b> | <b>-</b> |
| <b>2</b> | <b>Drug study</b> | <b>50</b>  | <b>-</b> | <b>√</b> |
|          | <b>TOTAL</b>      | <b>100</b> | <b>-</b> | <b>-</b> |

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

## Evaluation

### Internal assessment

#### Theory:

Maximum marks 25

|                                               |           |
|-----------------------------------------------|-----------|
| Mid term examination –( 3 <sup>rd</sup> year) | 50        |
| Pre final – ( 4 <sup>th</sup> year)           | 75        |
|                                               | -----     |
|                                               | 125       |
|                                               | Out of 15 |

#### Assignments:

|               |                        |           |
|---------------|------------------------|-----------|
| Seminar 01    | (3 <sup>rd</sup> year) | 50        |
| Drug study 01 | (4 <sup>th</sup> year) | 50        |
|               |                        | -----     |
|               |                        | 100       |
|               |                        | Out of 10 |

### Practical

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

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

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

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

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

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Total 900

Maximum marks = 100

### External assessment

University examination

Theory Marks 75  
Practical Marks 100

**Note: Final examination will take place in 4<sup>th</sup> year**

## SEMINAR EVALUATION CRITERIA

NAME :-  
AUDIENCE :-  
TOPIC :-

DATE :-  
TIME :-  
MARKS :-

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

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

### EVALUATION CRITERIA CASE PRESENTATION

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

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

\* 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

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

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