

Integral University, Lucknow
Department of Nursing
EVALUATION SCHEME
B.Sc. Nursing 4th Year

S. No.	Subject Code	Name of Subject	Type of Paper	Evaluation Scheme		
				IA	EA	Total
1	NR 401	Midwifery & Obstetrical Nursing	Theory	25	75	100
2	NR 402	Community Health Nursing-II	Theory	25	75	100
3	NR 403	Management of Nursing Services & Education	Theory	25	75	100
4	NR 404	Midwifery & Obstetrical Nursing	Practical	50	50	100
5	NR 405	Community Health Nursing-II	Practical	50	50	100
Total				175	325	500

IA = Internal Assessment

EA = External Assessment

MIDWIFERY AND OBSTETRICAL NURSING – NR 401

Placement: Third year

Time Allotted: Theory- 45 Hours
Practical-180 Hours

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 postnatal 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.

UNIT-1

Introduction to midwifery and obstetrical Nursing

- Introduction to concepts of midwifery and obstetrical nursing.
- Trends in midwifery and obstetrical nursing.
 - ✓ Historical perspectives and current trends
 - ✓ Legal and ethical aspects
 - ✓ Pre-conception care and preparing for parenthood
 - ✓ Role of nurse in midwifery and obstetrical care.
 - ✓ National policy and legislation in relation to maternal health and welfare.
 - ✓ Maternal, morbidity, mortality and fertility rates.
 - ✓ Perinatal, morbidity and mortality rates.

UNIT-2

Review of anatomy and physiology of female reproductive system and foetal development

- Female pelvis-general description of the bones joints, ligaments, planes of the pelvis diameters of the true pelvis, important land marks, variations in pelvis shape.
- Female organs of reproductions-External genitalia, internal genital organs and their anatomical relations, musculature-blood supply, nerves, lymphatic's, pelvic cellular tissue, pelvic peritoneum.
- Physiology of menstrual cycle
- Human sexuality
- Foetal development
 - ✓ Conception

- ✓ Review of fertilization ,implantation(embedding of the ovum),development of the embryo and placenta at term function , abnormalities ,the foetal sac, amniotic fluid ,the umbilical chord
- ✓ Foetal circulation, foetal skull, bones, sutures and measurements
- Review of genetics

UNIT-3

Assessment and management of pregnancy(ante-natal)

- Normal pregnancy
- Physiological changes during Pregnancy
 - ✓ Reproductive system
 - ✓ Cardio vascular system
 - ✓ Respiratory system
 - ✓ Urinary system
 - ✓ Gastro intestinal system
 - ✓ Metabolic changes
 - ✓ Skeletal changes
 - ✓ Skin changes
 - ✓ Endocrine system
 - ✓ Psychological changes
 - ✓ Discomforts of pregnancy
- Diagnosis of pregnancy
 - ✓ Signs
 - ✓ Differential diagnosis
 - ✓ Confirmatory tests
- Ante-natal care
 - ✓ Objectives
 - ✓ Assessment
 - ✓ History & physical examination
 - ✓ Ante-natal examination
 - ✓ Signs of previous child birth
 - ✓ Relationship of foetus to uterus and pelvis:lie,attitude,presentation ,position
 - ✓ Per vaginal examination
- Screening and assessment for high risk
- Risk approach
- History & physical examination
- Modalities of diagnosis :Invasive & non invasive, ultrasonics,cardio tomography,NST,CST

- Ante-natal preparation
 - ✓ Ante-natal counseling
 - ✓ Antenatal exercises
 - ✓ Diet
 - ✓ Substance use
 - ✓ Education for child-birth
 - ✓ Husband and families
 - ✓ Preparation for safe confinement
 - ✓ Prevention from radiation
- Psycho-social and cultural aspects of pregnancy
 - ✓ Adjustment to pregnancy
 - ✓ Unwed mother
 - ✓ Single parent
 - ✓ Teenage pregnancy
 - ✓ Sexual violence
 - ✓ Adoption

UNIT-4

Assessment and management of intranatal period

- Physiology of labour and mechanism of labour
- Management Labour
 - ✓ First stage
 - ✓ Signs and symptoms of onset of labour, normal and abnormal
 - ✓ Duration
 - ✓ Preparation of :
 - Labour room
 - Women
 - ✓ Induction of labour
 - ✓ Pain relief & Comfort of labour
 - ✓ Pain relief and comfort of labour
 - ✓ Second stage
 - Induction of labour
 - Pain relief & Comfort of labour
 - ✓ Second stage
 - Signs & symptoms,
 - Normal and abnormal
 - Duration Conduct of delivery principles and techniques

- Episiotomy(only if required)
- Receiving the new born
- ✓ Neonatal resuscitation : initial steps and subsequent resuscitation
- ✓ Care of umbilical cord
- ✓ Immediate assessment including screening for congenital anomalies
- ✓ Identification
- ✓ Bonding
- ✓ Initiate feeding
- ✓ Screening and transportation of the neonate
- ✓ Third stage
 - Signs and symptoms, normal and abnormal
 - Duration
 - Method of placental expulsion
 - Management : principles& techniques
 - Examination of the placenta
 - Examination of the perineum
- ✓ Maintain records and reports
- ✓ Fourth stage

UNIT-5

Assessment and management of women during post natal period

- Normal puerperium ; physiology duration
- Post natal assessment and management-
 - ✓ Promoting physical and emotional wellbeing
 - ✓ Lactation management
 - ✓ Immunization
- Family dynamics after child birth
- Family welfare services ; methods , counseling
- Follow-ups
- Records and reports

UNIT-6

Assessment and management of normal neonates

- Normal neonate ; Physiological adaptation
 - ✓ Initial & daily assessment
 - ✓ Essential new born care; thermal control
 - ✓ Breast feeding, prevention of infections
 - ✓ Immunization
- Minor disorders of new born and its managements
- Levels of neonatal care(level I,II&III)
- At primary, secondary and tertiary levels
- Maintenance of reports and records

MIDWIFERY AND OBSTETRICAL NURSING- PRACTICAL – NR 404

Placement: Third year
Fourth year

Time: Practical: 180 Hrs
Internship: 240 Hrs

AREAS

Antenatal clinic/OPD

Objectives:

- Assessment of pregnant women

AREAS

Labour room O.T.

Objectives:

- Assess women in labour
- Carry out per-vaginal examinations
- Conduct normal deliveries
- Perform episiotomy and suture it
- Resuscitate new borns
- Assist with caesarean sections, MTP and other surgical procedures.

AREAS

Post natal ward

Objectives:

- Provide nursing care to postnatal mother and baby
- Counsel and teach mother and family for parenthood

AREAS

New born nursery

Objectives:

- Provide nursing care to new born at risk

AREAS

Family planning clinic

Objectives:

- Counsel for and provide family welfare services

INTERNSHIP OBSTETRICAL NURSING

Internship duration- 5 weeks

AREAS

Labour ward

Neonatal intensive care unit/ NICU

Antenatal

Objectives:

- Provide comprehensive care to mothers and neonates

MIDWIFERY AND OBSTETRICAL NURSING – NR 401

Placement: Fourth Year

Time: Theory – 45 Hours

Practical – 180 Hours

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.

UNIT-1

High-risk pregnancy-assessment & management

- Screening and assessment
 - Ultrasonic, cardio tomography, NST, CST, non-invasive & invasive
 - Newer modalities of diagnosis
- High risk approach
- Levels of care; primary, secondary & tertiary levels
- Disorders of pregnancy
 - Hyper- emesis gravidarum, bleeding in early pregnancy, abortion, ectopic pregnancy
 - Vesicular mole
 - Ante- partum hemorrhage
- Uterine abnormality and displacement
- Diseases complicating pregnancy
 - Medical and surgical conditions
 - Infections, RTI (STD), UTI, HIV, TORCH
 - Gynecological diseases complicating pregnancy
 - Pregnancy induced hypertension & diabetes, toxemia of pregnancy, hydramnios
 - Rh incompatibility
 - Mental disorders
- Adolescent pregnancy, Elderly primi and grand multipara
- Multiple pregnancy
- Abnormalities of placenta & cord
- Intra-uterine growth-retardation
- Nursing management of mothers with high-risk pregnancy
- Maintenance of Records and Report

UNIT-2

Abnormal Labour – assessment & management

- Disorders in labour
 - CPD and contracted pelvis
 - Malposition and malpresentations
 - Premature labour, disorders of uterine actions-precipitate labour, prolonged labour
 - Complications of third stage: injuries to birth canal
- Obstetrical emergencies and their management
 - Presentation and prolapsed of cord, Vasa praevia, amniotic fluid embolism, rupture of uterus, shoulder dystocia, obstetrical shock
- Obstetrical procedures and operations;
 - Introduction of labour, forceps, vacuum version, manual removal of placenta, caesarean section, destructive operations
 - Nursing management of women undergoing Obstetrical operations and procedures

UNIT-3

Abnormalities during postnatal periods

- Assessment and management of woman with postnatal complications
 - Puerperal infections, breast engorgement & infections, UTI, thrombo-Embolic disorders, postpartum hemorrhage, Eclampsia and sub-involution
 - Psychological complications:
- Post-partum Blues
- Post partum Depression
- Post partum Psychosis

UNIT-4

Assessment and management of High risk new-born

- Admission of neonates in the neonatal intensive care units protocols
- Nursing management of:
 - Low birth weight babies
 - Infections
 - Respiratory problems
 - Hemolytic disorders
 - Birth injuries
 - Malformations
- Monitoring of high risk neonates
- Feeding of high risk neonates

- Organization and management of neonatal intensive care units
- Infection control in neonatal intensive care units
- Maintenance of reports and records

UNIT-5

Pharmaco-therapeutics in obstetrics

- Indication, dosage, action. Contraindication and side effects of drugs
- Effect of drugs on pregnancy, labour & puerperium
- Nursing responsibilities in the administration of drugs in Obstetrics-oxytocins, anti-hypertensive, diuretics, tocolytic agents, anticonvulsants;
- Analgesics and anesthetics in obstetrics
- Effects of maternal medication on foetus and neonate

UNIT-6

Family Welfare Programme

- Population trends and problems in India
- Concepts, aims, importance and history of family welfare programme
- National Population: dynamics, policy and education
- National family welfare programme; RCH, ICDS, MCH, Safe motherhood
- Organization and administration; at national, state, district, block and village levels
- Methods of contraception; spacing, temporary and permanent, Emergency contraception
- Infertility and its management
- Counseling for family welfare
- Latest research in contraception
- Maintenance of vital statistics
- Role of national, international and voluntary organizations
- Role of a nurse in family welfare programme
- Training/Supervision/ Collaboration with other functionaries in community like ANMs LHV's, Anganwadi workers, TBAs (Traditional birth attendant Dai)

COMMUNITY HEALTH NURSING –II NR 402

Placement: Fourth Year

Time: Theory – 90 hrs

Practical- 135 hrs

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

UNIT-1

Introduction

- Definition, concept & scope of community health and community Health Nursing
- Historical development of
 - ✓ Community health
 - ✓ Community health Nursing
 - ✓ Pre-independence
 - ✓ Post – independence

UNIT-2

Health planning and policies and problems

- National health planning in India-Five Year Plans
- Various committees and commissions on health and family welfare
- Central council for health and Family welfare (CCH and FW)
- National health policies (1983,2002)
- National health policy
- Health problems in India

UNIT-3

Delivery of community health services

- Planning , budgeting and material Management of SCs, PHC and CHC
- **Rural:** Organization, staffing and functions of rural health services provided by government at:
 - ✓ Village
 - Sub-centre

- Primary health centre
- Community health centre/sub divisional
- Hospital
- District
- State
- Centre
- **Urban:** Organization ,staffing and functions of urban health services provided by government at:
 - ✓ Slums
 - ✓ Dispensaries
 - ✓ Maternal and child health centres
 - ✓ Special Clinics
 - ✓ Hospitals
 - ✓ Corporation/ Municipality/Board
 - ✓ Components of health services
 - ✓ Environmental sanitation
 - ✓ Health education
 - ✓ Vital Statistics
 - ✓ MCH- antenatal , natal, postnatal,
 - ✓ MTP Act, female foeticide act,
 - ✓ Child adoption
 - ✓ Family Welfare
 - ✓ National health programmes
 - ✓ School health services
 - ✓ Occupational health
 - ✓ Defence services
 - ✓ Institutional services
 - System of medicine and Homeopathy
 - Alternative healthcare systems like yoga , meditation, social and spiritual healing etc.
 - Referral system
 - System of medicine and health care
 - ✓ Allopathy
 - ✓ Indian System of Medicine and Homeopathy
 - ✓ Alternative health care systems like yoga, meditation, social and spiritual healing etc.
 - Referral system

UNIT-4

Community health nursing

Approaches, concepts and roles and responsibilities of nursing personnel

- Approaches
- ✓ Nursing theories and process
- ✓ Epidemiological approach
- ✓ Problem solving approach

- ✓ Empowering people to care for themselves
- Concepts of Primary Health Care
- ✓ Equitable distribution
- ✓ Community participation
- ✓ Focus on prevention
- ✓ Use of appropriate technology
- ✓ Multi- sectoral approach
- Roles and responsibilities of Community health nursing personnel in
- ✓ Family health services
- ✓ Information Education Communication (IEC)
- ✓ Management Information System (MIS) : Maintenance of Records & reports
- ✓ Training and supervision of various categories of health workers
- ✓ National Health Programmes
- ✓ Environmental sanitation
- ✓ Maternal and child health and Family welfare
- ✓ Treatment of Minor ailments
- ✓ School Health Services
- ✓ Occupational Health
- ✓ Organization of clinics, camps: Types, Preparation , planning, conduct and evaluation
- ✓ Waste management in the center, clinic etc.
- Home visit: Concept, Principles, Process, techniques: Bag technique home visit
- Qualities of community Health Nurse
- Job Description of Community health nursing personnel

UNIT-5

Assisting individuals and groups to promote and maintain their health

- Empowerment for self – care of individuals, families and groups in -
 - A. Assessment of self and family**
 - ✓ Monitoring growth and development
 - ✓ Mile stones
 - ✓ Weight measurement
 - ✓ Social development
 - ✓ Temperature and Blood pressure monitoring
 - ✓ Menstrual cycle
 - ✓ Breast Self – examination and testicles
 - ✓ Warning signs of various diseases
 - ✓ Tests: Urine for sugar and albumin, blood sugar
 - ✓
 - B. Seek health services for**
 - ✓ Routine check- up
 - ✓ Immunization
 - ✓ Counseling
 - ✓ Diagnosis
 - ✓ Treatment
 - ✓ Follow up

C .Maintenance of health records for self and family

D. Continue medical care and follow up in community for various disease & disabilities

E. Carryout therapeutic procedures as prescribe/required for self and family

F. Waste Management

- ✓ Collection and disposable waste at home and community
- ✓ **G. Sensitize and handle social issue affecting health and development for self & family**
- ✓ Women empowerment
- ✓ Women and child abuse
- ✓ Abuse of elders
- ✓ Female Foeticide
- ✓ Commercial sex workers
- ✓ Food adulteration
- ✓ Substance abuse

H. Utilize community resources for self and family

- ✓ Trauma services
- ✓ Old age homes
- ✓ Orphanage
- ✓ Homes for physically and mentally challenged individuals
- ✓ Homes for destitute

UNIT-6

National health and family welfare programmes and the role of nurse

- 1) National ARI program me
- 2) Revised National Tuberculosis Control Programme (RNTCP)

- 3) National Anti- Malaria programme
- 4) National Filaria control programme
- 5) National guinea worm eradication programme
- 6) National Leprosy eradication program me
- 7) National AIDS control programme
- 8) STD control programme
- 9) National programme for control of blindness
- 10) Iodine deficiency disorder programme
- 11) Expanded programme on immunization
- 12) National Family Welfare programme – RCH Programme historical development , organization, administration, research , constraints
- 13) National water supply and sanitation programme

- 14) Minimum Need programme
 - 15) National Diabetics control programme
 - 16) Polio eradication : Pulse Polio Programme
 - 17) National Cancer Control Programme
 - 18) Yaws Eradication Programme
 - 19) National Nutritional Anemia prophylaxis programme
 - 20) 20 point programme
 - 21) ICDS programme
 - 22) Mid-day meal applied nutritional program
 - 23) National mental health programme
- Health schemes
 - ESI
 - CGHS
 - Health insurance

UNIT-7

Health Agencies International

- WHO, UNFPA, UNDP, World Bank, FAO, UNICEF, DANIDA, European Commission (EC), Red cross, USAID, UNESCO, Colombo Plan, ILO, CARE etc

National

- Indian Red cross, Indian Council for child welfare , Family Planning association of India (FPAI), tuberculosis Association of India , Hindu Kusht Nivaran Sangh Central Social Welfare Board, Central Social Welfare Board, All India women's conference, Blind Association of India etc.

COMMUNITY HEALTH NURSING – II PRACTICAL - NR 405

Placement : Fourth year

Time : Practical – 135hrs

Internship -195 hrs

AREAS

Community Health nursing

Objectives:

- Identify community profile
- Identify prevalent communicable and non- diseases
- Diagnose health needs of Individual, families and community
- Plan, provide & evaluate care
- Participate in school health programs
- Organize group for self –help & involve clients in their own health activities
- Provide family welfare services
- Counsel and educate individual, family and community
- Collect vital health statistics
- Maintain Records & reports.

INTERNSHIP

AREAS

Urban

Objectives:

Provide comprehensive care to individual, family and community

Note: During the rural posting they should stay in health centres under the supervision of teacher.

MANAGEMENT OF NURSING SERVICES AND EDUCATION – NR 403

Placement: Fourth year

TIME – Theory -90Hrs.

Course Description: This course is designed to enable students to acquire understanding of management of clinical and community health nursing services, nursing educational programmes. This is also designed to enable students to acquire understanding of the professional responsibilities, prospects and contribution to the growth of the profession.

UNIT-1

Introduction to management in nursing

- Definition , concepts and theories
- Functions of management
- Principles of management
- Role of nurse as a manager

UNIT-2

Management process-

- Planning ; mission philosophy , objectives , operational plan
- Staffing: philosophy, staffing study , norms , activities , patient classification systems , scheduling
- Human resource management; recruiting, selecting deployment, retaining, promoting, superannuation etc..
- Budgeting ; concept , principles , types , cost benefit analysis , audit
- Material management ; equipment and supplies
- Directing process (leading)
- Controlling ; quality management
- Program evaluation review technique (PERT) , bench marking , activity plan (Gantt chart)

UNIT-3

Management of nursing services in the hospital and community-

- Planning ;
 - ✓ Hospital and patient care units including ward management
 - ✓ Emergency and disaster management

UNIT-4

Organizational behaviour and human relations-

- Concepts and theories of organizational behaviors
- Review of channels of communication
- Leadership styles
- Review of motivation ; concepts and theories
- Group dynamics
- Techniques of ;
 - ✓ Communication ; and
 - ✓ Interpersonal relationships
 - ✓ Human relations
- Public relations in context of nursing

- Human resource management-
 - ✓ Recruiting , selecting , deployment ,retaining , promoting , superannuation etc.
 - ✓ Categories of nursing personnel including job description of all levels
 - ✓ Patients / population classification system
 - ✓ Patients / population assignment and nursing care responsibilities
 - ✓ Staff development and welfare
- Budgeting ; proposal , projecting requirements for staff , equipments and supplies for
 - ✓ Hospital and patient care units
 - ✓ Emergency and disaster management
- Material management ; procurement , inventory control , auditing and maintenance in
 - ✓ Hospital and patient care units
 - ✓ Emergency and disaster management
- Directing and leading ; delegation , participatory management
 - ✓ Assignments , rotations , delegations
 - ✓ Supervision and guidance
 - ✓ Implement standards , policies procedures and practices
 - ✓ Staff development and welfare
 - ✓ Maintenance of discipline
- Controlling / evaluation
 - ✓ Nursing rounds / visits nursing protocols , manuals
 - ✓ Quality assurance model , documentation
 - ✓ Records and reports
 - ✓ Performance appraisal

- Relations with professional associations and employee unions and collective bargaining

UNIT-5

In service education –

- Nature and scope of in service education program
- Organization of in service education
- Principles of adult learning,
- Planning for in service education program , techniques , methods and evaluation of staff education program
- Preparation of report

UNIT-6

Management of nursing educational institutions-

- Establishment of nursing educational institution – INC norms and guidelines
- Co -ordination with;
 - ✓ -regulatory bodies
 - ✓ -accreditation
 - ✓ -affiliation
 - ✓ -philosophy / objectives
 - ✓ -organization
 - ✓ -structure
 - ✓ -committees
 - ✓ -physical facilities
 - ✓ -college / school
 - ✓ -hostel
 - ✓ -students
 - ✓ -selection
 - ✓ -admission
 - ✓ -guidance and counseling
 - ✓ -maintaining discipline
- Faculty and staff-
 - ✓ Selection
 - ✓ Recruitment
 - ✓ Job description
 - ✓ Placement
 - ✓ Performance appraisal
 - ✓ Developments and welfare
- Budgeting
- Equipments and supplies ; audio visual equipments , laboratory equipment ,
- Curriculum : planning , implementation and evaluation
- Clinical facilities
- Transport facilities
- Institutional records and reports administrative , faculty , staff and students

UNIT-7

Nursing as a profession –

- Nursing as a profession
- ✓ Philosophy ; nursing practice
- ✓ Aims and objectives
- ✓ Characteristics of a professional nurse
- ✓ Regulatory bodies ; INC , SNC acts ; -constitution functions
- ✓ Current trends and issues in nursing
- Professional ethics
- ✓ Code of ethics ; INC , ICN
- ✓ Code of professional conduct ; INC , ICN
- Practice standards for nursing ; INC
- Consumer protection act
- Legal aspects in nursing
- ✓ Legal terms related to practice ; registration and licensing
- ✓ Laws related to nursing practice ; breach and penalties
- ✓ Malpractice and negligence

UNIT-8

Professional advancement –

- Continuing education
- Career opportunities
- Collective bargaining
- Membership with professional organizations; national and international
- Participation in research activities
- Publications; journals, newspapers etc.