

## **I. Introduction**

Since Independence in 1947. The Government of India has assumed wide economic and social responsibilities in attempting to provide the security of an adequate standard of living for its people investment in education is necessarily a long term on begins to yield results after a generation and in some cases even after a long period. In developing countries like our India. Due to financial constraints and low gross National Product Levels, it is difficult to finance Universal University Education.

Mahatma Gandhi had rightly visualised the magnitude of the problem and recommended village upliftment through basic education and development of basic craft in consonance with National growth most of the youth out of school are workers. The based throught which they can earn their livelihood and extend support to their families at gross root level. J.P.Naik in his paper on new policies, priorities and programmes stated that in addition to the existing full time courses of vocational education. It should be possible for a person to transfer himself from general to vocational courses and vice versa and carry on credits with him. To meet the health needs of the population specially at gross root level, Multi purpose health workers programme was introduced in 1978, to various tasks relevent to promotion of health and prevention of disorders with special emphasis on maternal and child Health Services. This course of 2 years duration is designed for the candidate with 10the class certificate (SSC).

## **II. Objectives of the Course**

### **General Objectives**

1. At the end of the course the student is able to meet the basic health needs of the individuals families and community in both institutional settings and also community health agencies.
2. Participate in local, state and national health programmes.

### **Special Objectives**

1. The student able to explain the principles of health living related to all age groups.
2. Promotes Community Development activities.
3. Renders first aid and referral services.
4. Identifies common ailments and provides preliminary treatment.
5. Provides emergency Nursing Care.
6. Refers to appropriate health agencies for diagnosis, treatment and rehabilitation.
7. Provides maternal and child health care at urban and rural setup.
8. Participate in the prevention and control of communicable diseases and nutritional problems.
9. Participates in family welfare programmes

### **III. Skills**

1. Brings Health awareness, among individuals, families and community.
2. Able to motivate the eligible couples to adopt family planning methods and educate on child care.
3. Develop basic skills in immunization.
4. Plans and conducts health talks.
5. Participate in prevention and control of communicable diseases.
6. Provides first aid and emergency and disaster care.
7. Able to organize Health clinics, like Antenatal, post natal, & Well baby clinic.

### **Duration of the Course**

The duration of the course shall be two years.

### **IV. Job Opportunities**

1. Multipurpose Health workers female.
2. Hospitals/Nursing Homes/Clinics/Govt./Voluntary Health Organizations-Rural & Urban.

### **VI. Medium of Instruction and Examination**

The Medium of Instruction of the course English/Telugu.

## ANNUAL SCHEME OF INSTRUCTION AND EXAMINATION FOR VOCATIONAL COURSES 1ST & 2ND YEAR

Part - A	Theory		Practicals		Total	
	Periods	Marks	Periods	Marks	Periods	Marks
1. English	185	75	-	-	185	75
2. GFC	185	75	-	-	185	75
<b>Part - B</b>						
3. Vocational Subjects						
Paper - I	160	50	160	50	320	100
Paper - II	160	50	160	50	320	100
Paper - III	160	50	160	50	320	100
<b>Part - C</b>						
4. On the Job Training -	-	-	210	50	210	50
Total	840	300	690	200	1540	500

### Scheme of Instruction per week for Vocational Courses

Part - A	Theory	Practicals	Total
1. Communication Skills/English	6	-	6
2. G.F.C.	4	2	6
<b>Part - B</b>			
3. Vocational subjects			
Paper - I	5	5	10
Paper - II	5	5	10
Paper - III	5	5	10

## NEW SCHEME PROPOSED CALCULATION OF WORKING PERIODS

Number of working days per annum	=	220 days
Number of periods per annum $220 \times 7$	=	1540 periods
Periods allotted for OJT [30 days $30 \times 7$ ]	=	210 periods
Periods allotted to Communication Skills/ English	=	185 periods
Periods allotted to GFC [125 Theory + 60 Practicals]	=	185 periods
Periods allotted to Vocational subjects		
Paper I [Theory 160 + Practicals 160]	=	320 periods
Paper II [Theory 160 + Practicals 160]	=	320 periods
Paper III [Theory 160 + Practicals 160]	=	320 periods
<b>Total</b>		<b>1540 periods</b>

### Periods allotted per week

1. Communication skills/English	=	6 periods
2. GFC [Theory 4 = Practicals]	=	6 periods
3. Vocational Subjects		
Paper I [Theory 5 + Practicals 5]	=	10 periods
Paper II [Theory 5 + Practicals 5]	=	10 periods
Paper III [Theory 5 + Practicals 5]	=	10 periods
<b>Total Periods per week</b>	=	<b>42 periods</b>

## **VIII. 1<sup>st</sup> Year**

### **Part - A**

1. Communication skills in English
2. General Foundation Course

### **Part - B**

3. Vocational Subjects

Paper - I            Fundamentals of Nursing including First aid.

Paper - II           Anatomy, Physiology and Microbiology.

Paper - III          Community Health Nursing - I including Nutrition, Hygiene, Psychology and sociology.

### **Part - C**

On the Job Training (Clinical and Field Experience)

## **IInd Year**

### **Part - A**

1. Communication skills/English

2. GFC

### **Part B**

3. Vocational Subjects

Paper I

Paper II

Paper III

4. On the job training

**PAPER - I**  
**FUNDAMENTALS OF NURSING & FIRST AID**

(Theory : 120 hrs; Practical : 120 hrs.)

(Theory : 40 Marks; Practical : 40 Marks)

**FUNDAMENTALS OF NURSING (THEORY)**

**Total : 160 hours**

**Max.Marks : 50**

**Section : A**

**Objectives**

1. To acquire knowledge and skills related to the performance of health care activities, including Nursing procedures and techniques.
2. To understand the principles of basic Nursing Care, to the sick.
3. To develop skills in caring for the sick.
4. To organise and maintain equipment supplied.
5. To render first aid in emergencies.

**Unit - I - Theory - 20 hrs.**

**Marks : 6**

**Introduction to Nursing**

Concept of Nursing as a health and community services.

Concept of Nursing, health and health problems.

Responsibilities of health worker, ethics and behaviour of health worker

The health team

**Unit - II - Theory - 20 hrs.**

**Marks : 10**

**Organization of Health and Nursing Services**

Principles of organising care in the home health agencies, clinics, schools, hospitals.

Principles of organizing care according to degree of wellness and illness.

Ambulatory care in outpatient units, dispensaries, clinics.

Inpatient care, inwards, nursing homes.

Inpatient care for the critically ill.

Rehabilitative care and convalescence care.

Principles of organising care according to need of the patient.

Seriously ill, chronically ill.

Moderately ill, terminally ill.

Principles of organising care according to patient, age groups

Children and adolescence, adults and the elderly.

Health or medical problems, patient with fever, unconscious patient, patient for surgery.

Assessing needs and priorities.

**Unit - III - Theory - 20 hrs.**

**Marks : 6**

**Maintenance of supplies equipments and other facilities**

For health-oriented facilities

For diseases - oriented facilities.

Economy in the use of supplies, equipment including linen

Breakage and reporting.

Obtaining replacement

**Unit - IV - Theory - 20 hrs.**

**Marks : 6**

**Records and Reports**

Health Records

Family care records

Medical records use of dairies by health workers.

Understanding the system of reporting and recording referral system

**Unit - V - Theory - 20 hrs.**

**Marks : 6**

**Maintaining Healthy Environment**

Cleanliness of Unit and the sick room, cleanliness of furniture, floors, work, space and surfaces, doors and windows, storage space.

Provision for clean equipment and supplies, disposal of waste and garbage.

Safety factors in the environment - prevention from injuries and infection.

Basic techniques - dusting, washing, disinfecting, sterilizing.

**Unit - VI : Theory - 20 hrs**

**Marks : 6**

**Communication skills in Nursing**

Communication - Definition

Methods of Communication

Importance & Barriers of Communication

# **Section - B PRACTICALS**

**Unit - I - hours - 20**

**Marks : 8**

## **Meeting Hygienic and comfort needs**

Care of the skin - Bathing patient, bed bath assistance, partial bath, back rub, care of the hair, giving hair wash, treatment for pediculosis.

Care of the Hands - Feet, nails

Care of the Eyes - giving an eye wash

Nutrition - Feeding the sick patient, assisting with meals.

Mouth Care - giving mouth care to sick patient.

Elimination - offering and removing a bed pan.

Exercise body posture, activity of movement. Changing posture of patient, use of comfort Devices, improvised devices, joint exercises - range of motion exercises, making a comfortable bed at home and in hospital.

**Unit - II - Hours - 20**

**Marks : 8**

## **Observation and Examination**

Vital signs - Temperature, pulse, respiration, blood pressure, taking temperature, cleaning Thermometer, taking pulse and noting characteristics, observation of respiration.

Checking of weight, height, recognition of abnormalities.

History taking, history of health and sick individual.

Physical examination of child and adult. Examination, preparing patient for examination, assisting doctor with medical and special examination.

Urine analysis - Physical examination of urine for sugar and albumin, recognition of abnormalities.

Collection of specimen - collecting specimen of urine, stool, sputum, vomitus, throat swabs, blood for laboratory examination, preparing blood slides.

Diagnostic Procedure - Preparing patient for X-ray studies, assisting with common diagnostic tests.

**Unit - III - Hours -20**

**Marks : 8**

**Medical Asepsis -**

Isolation techniques, hand washing, wearing gown and mask, disinfection and sterilization of contaminated equipment, disposal of contaminated waste or refusal, cleaning the sickroom.

**Surgical Asepsis -**

Handwashing and scrubbing for surgical practice, dressing cuts and small wounds, sterilization for various types of equipment and supplies - syringes, instruments and supplies, syringes, instruments, gloves, enamelware, handling of sterile equipment.

**Unit - IV - Medication and Therapies Hours -30 Marks : 8**

**Oral Medication -**

Administration of tablets, powder mixture, abbreviations in common use, calculation of doses, weights and measures, modes of administration, classification of drugs, sedatives side effects of drugs in common use.

**Injection -**

Application of surgical asepsis, site, routes, types of drugs giving by injection preparation of equipment and supplies, selection of needles, syringes, skin preparation, intradermal, hypodermic and intramuscular injections, assisting with intravenous injection and infusions.

**Local Application -**

Hot application for mentations, hot water bottles, cold applications - compress-icebag.

Local application for rashes, skin infections and conditions pediculosis.

Cleaning and application of medications for eyes, ear, nose and throat conditions, drops, ointments, throat paints.

Wounds - surgical cleaning, dressing, applications for wounds, specific treatment for scabies, impetigo, boils and ring worm, specific treatment for conjunctivitis, trachoma, sore and sick eyes, otitis media, sore throat, nose bleeding

**Unit - V - Hours - 30**

**Marks : 8**

**Basic Nursing**

**(a) Care of a patient with respiratory problems**

Inhalation procedures, steam inhalation, care of patients with heart disease/cardiac disease, pain in chest, care of patient with elimination problems, constipation, diarrhoea, retention of urine, giving an enema, catheterization care of patient with fever, care of patient with gastroenteritis.

**(b) Care of Chronically ill patient, patient in Shock & Coma condition**

Patient in long term illness, terminal illness

Care of acutely ill patient

Pre-operative care of patient, preparation procedures, post operative care of patient, observation of vital signs, maintenance of airway.

# **SECTION - C**

## **FIRST AID AND EMERGENCY NURSING**

(Theory - 40 hrs; Practical - 40 hrs.)

(Theory : 10 Marks; Practical : 10 Marks)

**Unit - I - Theory - 10 hrs.**

**Marks : 10**

**Introduction**

**Definition of First-aid**

Scope of first aid, principles of emergency care, management of emergency situation, care of casualty, screening and sorting procedure, mass casualties, structure and functions of major organs and systems, principles of first aid.

**Unit - II - Theory - 10 hrs.**

**Marks : 10**

**Promotion of safety, consciousness and safety in the home.**

Safety measures in the school playground, streets, institutions.  
Safety on the job farm and factory, prevention of accidents, common sense, measures and observation of few simple rules.

**Unit - III - Theory - 10 hrs.**

**Marks : 10**

**First aid in Emergencies.**

Burns, fractures, accidents, poisons, foreign bodies, drowning, haemorrhages, bites & stings, wounds, unconsciousness, asphyxia, heat stroke, fainting, stupor, coma, convulsions, hysteria, thermal injuries, artificial respiration.

**Unit - IV - Theory - 10 hrs**

**Marks : 10**

**Community Emergencies and Resources**

- a) Fire explosions, floods, earth quakes, famines,
  - Immediate and later role of MPH.W.
  - Need for Rehabilitation
- b) Police assistance, voluntary agencies local national & international agencies.  
Ambulance services

**Practicals :      Marks :10      Hours :40**

First aid procedures, supplies & equipment

Application of bandages, slings, dressings, splints, transport of casualty, stretchers, lifting and carrying injured persons, first aid kit and supplies.

# **ANATOMY, PHYSIOLOGY & MICROBIOLOGY**

## **I<sup>st</sup> YEAR - PAPER - II**

### **SECTION - A**

**(Theory - 120 hrs; Practical - 120 hrs.)**

**(Theory : 40 Marks; Practical : 40 Marks)**

#### **Objectives**

1. To be able to acquire sufficient knowledge of structure and functions of the human body.
2. To develop an ability to apply the principles of Anatomy and Physiology in the Nursing Practice.

#### **Course Content**

##### **Unit - I - Theory & Practical - 20 hrs.**

**Marks : Theory : 5, Practicals (Viva) : 5**

The body as an integrated whole - introduction - organization of living things, cells, tissues, organs, cavities and body system - typical cell structure, properties of cell, living processes - tissues, types, structure and function.

##### **Unit - II - Theory & Practical - 20 hrs.**

**Marks : Theory : 10, Practicals (Viva) : 10**

The erect and moving body skeletal system.

Over view of the skeletal system, bones, bone development.

Axial skeleton, appendicular skeleton, surface Anatomy and land marks

Structure and functions of joints types of joints

Muscular system - introduction, over view of skeletal muscles.

Chief muscles and group of muscles, muscle contraction , properties of muscles.

### **Unit - III - Theory & Practical - 20 hrs.**

**Marks : Theory : 10, Practicals (Viva) : 10**

Integration and control of the body

Nervous system - Division of the nervous system - brain and its functions.

Cranial Nerves

Spinal Nerves

### **Unit - IV - Theory & Practical - 40 hrs.**

**Marks : Theory : 10, Practicals (Viva) : 10**

#### **a) Circulatory system -**

##### **Blood**

Composition - blood cells and plasma

Haemoglobin - Blood coagulation

Bleeding time, blood groups and in factor.

Heart - structure and functions conduction system & cardiac cycle

Circulation - systemic and pulmonary - blood vessels, pulse, blood pressure

Arterial, venous and capillary system

#### **b) Respiratory system -**

##### **upper Respiratory tract structure and functions**

Lower Respiratory tract structure and functions

Capacity of lungs, exchange of gases Respiratory rate.

#### **c) Digestive system**

The alimentary tract - oral cavity, stomach and large intestines -

Peristalsis

Digestion - Mechanical, chemical, salivary glands, liver, pancreas and gall bladder enzymes

Absorption and assimilation of foods

Metabolism of food

**d) Excretory system**

Excretory organs location structure and function.

The urinary tract - urine formation composition of urine, water and Sodium balance.

Skin - structure & functions

**e) Endocrine System**

Over view of the endocrine glands - location, structure functions, body temperature, regulation.

**Unit - V - Sense Organs**

Structure and functions of eye, ear, nose, tongue and skin

**Unit - VI - Theory & Practical - 20 hrs.**

**Marks : Theory : 5, Practicals (Viva) : 5**

**Human Reproduction**

The female reproductive tract - external - internal organs - Menstrual cycle, Hormones and reproduction.

The Male reproductive tract - external organs.

Embryology Development, Maturation of reproductive organs.

# **SECTION - B**

## **MICROBIOLOGY**

(Theory - 40 hrs; Practical - 40 hrs.)  
(Theory : 10 Marks; Practical : 10 Marks)

### **Objectives :**

1. To be able to acquire sufficient knowledge of Microbiology for an understanding the characteristics of disease producing micro organism.
2. To be able to understand the principles of Microbiology underlying preventive and remedial measures.
3. To be able to apply the principles of Microbiology in Nursing practice in the Hospital and Community.

### **COURSE CONTENT**

**Unit - I - Theory & Practical - 20 hrs.**

**Marks : Theory : 5, Practicals (Viva) : 5**

#### **Introduction**

Classification of Micro-organisms

Characteristics of bacteria, virus

Conditions affecting the growth of bacteria parasites, fungi, yeast, moulds.

Universal presence of Micro-organisms

Useful bacteria

Micro organisms in the soil, environment

Micro organisms in the human body, normal flora, sterile areas and cavities

Micro organisms in water, food & milk.

**Unit - II - Theory & Practical - 20 hrs.**

**Marks : Theory : 5, Practicals (Viva) : 5**

Source and Mode of Infection

Source of Infection

Mode of Transmission

Path of entry and exit of infection

Factors which favour and hinder infection

Immunity, Hypersensitivity, antigen, antibody reaction and vaccines

Methods of Sterilization

Pathogenic organisms transmitted from Respiratory Tract.

Pathogenic organisms transmitted from Alimentary Tract.

Pathogenic organisms transmitted through food, food born infections food poisoning.

Blood-born pathogenic organisms

Collection of specimens for bacteriological examination.

**COMMUNITY HEALTH NURSING - I  
INCLUDING NUTRITION & HYGIENE  
PSYCHOLOGY & SOCIOLOGY  
PAPER - III**

(Theory - 160 hrs; Practical - 160 hrs.)  
(Theory : 50 Marks; Practical : 50 Marks)

**SECTION - A**

**COMMUNITY HEALTH NURSING**

**Unit - I - Theory : 20 & Practical - 20 hrs.**

**Marks : Theory : 5, Practicals (Viva) : 5**

- a) Community Health Nursing History and Development in India.
- b) Qualities and functions of community Health Nurse
- c) Family Health services
- d) School Health Programmes

**Unit - II - Theory 20 hrs. & Practical - 20 hrs.**

**Marks : Theory : 5, Practicals (Viva) : 5**

- a) Principles
- b) Planning
- c) Techniques and evaluation
- d) Equipment and their care
- e) Reports and Records
- f) Common ailments & Treatment

**SECTION - B**  
**NUTRITION AND HYGIENE**  
(Theory - 40 hrs; Practical - 40 hrs.)  
(Theory : 10 Marks; Practical : 10 Marks)

**Objectives**

1. To acquire sufficient knowledge of Nutrition required for maintenance and promotion of health
2. To develop skills in practical application of the principles of Nutrition including planning and Preparation of nutritious and therapeutic diets.
3. To be able to identify nutritional deficiencies
4. To develop the understanding and significance of hygiene and healthful living for promotion and maintenance of health

**Course Content : NUTRITION**

**Unit - I - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Introduction to the study of Nutrition, definition, relation of nutrition to health, relation of other factors of importance for Nutritional Status and health. Classification and functions of foods, body building, energy yielding and protective food.

Nutrients - Carbohydrates, proteins, fats, vitamins, minerals, sources and daily requirements of each, caloric requirements, water and cellulose.

**Unit - II - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Nutritive value of food stuffs.

Cereals - fruits - fats and oil.

Pulses - milk and milk products, sugar.

Vegetables - egg, meat and fish, condiments, spices and Beverages.

Enriching substitute diets with locally available stuffs.

### **Unit - III - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Factors to be considered in planning meals.

Improvement of diet, selection of foods.

Cultural factors, Nutritional requirements for special groups, vulnerable groups, improving maternal nutrition and child Nutrition.

Modified diets, liquids, bland, soft & full diet.

Therapeutic diet - Anaemia, Hypertension, diabetes, peptic ulcer and Tuberculosis.

### **Unit - IV - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Preparation and preservation of foods

General principles of cooking

Methods of cooking, effects of cooking on nutrients and common food stuffs

preservation of foods - household methods, food hygiene, simple house hold measures.

### **Unit - V - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

#### **Malnutrition**

Malnutrition and under nutrition, causes inter related of factors leading to malnutrition, infections, worm infections, deficiency diseases in the country including vitamin deficiencies.

Protein - calorie malnutrition, cultural factors in nutrition food, food habits, food adulteration practices injurious to health, nutrition education principles of imparting nutriton knowledge.

### **HYGIENE**

#### **Unit - VI - Theory 10 hrs. & Practical - 10 hrs.**

**Marks : Theory : 2, Practicals : 2**

a) Introduction to hygiene and healthful living

Concept of health and disease.

Factors influencing health and healthful living

b) Physical Health

Skin care, cleanliness of clothing.

Care of the hair, pediculosis

Dental care and oral hygiene

Care of hands, care of nails

Hand washing

Hygiene of elimination

Menstrual Hygiene

Posture, prevention of postural defects

Exercises, rest, relaxation and sleep

Care of the foot

Care of the eyes, ear, nose and throat

Food values - nutritious diet, selection preparation and handling of food.

**Unit - VII - Theory 10 hrs. & Practical - 10 hrs.**

**Marks : Theory : 4, Practicals : 4**

The periodic health examination.

Maintenance of health record.

Immunization

Detection and correction of defects

Prevention and early treatment of common ailments - common cold, indigestion, constipation, headache.

Health in the home

Home as a centre for healthful living

Household measures for disposal of refuse, waste.

Latrines, sanitation, ventilation.

Safety in the home, common home hazards.

Sanitation to animal sheds, insects and pets.

**Unit - VIII - Theory 10 hrs. & Practical - 10 hrs.**

**Marks : Theory : 3, Practicals : 3**

Mental Hygiene

Factors contributing to mental health.

Characteristics of the mentally healthy person.

Mental hygiene at different stages.

Mental Hygiene in infancy, early childhood, late childhood, adolescence and adulthood and old age.

## **SECTION - C**

# **PSYCHOLOGY AND SOCIOLOGY**

(Theory - 60 hrs; Practical - 60 hrs.)

**(Theory : 20 Marks; Practical : 20 Marks)**

### **Objectives :**

1. To gain knowledge of elementary principles of psychology for an understanding of personal, individual and group behaviour.
2. To develop interpersonal skills required for carrying out health care activities and functioning effectively as a member of the health team.
3. To motivate individuals and groups to improve health care practices and utilize health and welfare services.
4. To be able to acquire knowledge of basic sociological principles and processes as they related to the individual family and community
5. To be able to gain an understanding of the social factors that affect community health, welfare and life.

## **PSYCHOLOGY**

### **Course Content**

#### **Unit - I - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Factors influencing Human Behaviour.

Heridity & environment

Basic needs, drives or urges

Early learning, value systems, attitudes, personality, self concept of body and mind its relation ship

#### **Unit - II - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Life Stages and behavioural patterns

Behavioural patterns in childhood, adolescence, adults and aged.

#### **Unit - III - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Emotions and defence mechanism

Meaning and importance of emotions, expression and control.

Positive and negative emotions

Emotion & health, specific emotions - fear, anger, love, jealousy, stress, illness and behaviour.

Purpose of defence mechanism

Common defence mechanism

Adjustment, conflict & frustration.

#### **Unit - IV : Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Social Behaviour

Interpersonal relations, acceptance of the individual, individual differences, appreciation, recognition, approval in social relation, group standards and confirmity, behaviour adaptations, maintaining effective Inter personal relation ship, self understanding.

**Unit - V - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Learning motivation and change in Behaviour

Motives, incentives, goals and aspirations, significance, motivation in improving health practices, changing attitudes and habits.

Motivating individuals and groups to improve health practices, conditions of learning, methods of learning.

**SOCIOLOGY**

**Unit - VI - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Introduction

Groups - Primary and secondary, in groups and out groups, structure, activities of groups, organization of groups, urban and rural, administrative patterns of panchayats and corporations, crowd, public audience.

**Unit - VII - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Corporation competition, conflict, assimilation, adjustment.

The individual and process of specialization.

Community health services and social process.

Change and development in the community.

**Unit - VIII - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Social Controls

Traditions and customs

Folkways and mores

Laws, traditions and habits affecting health

Social problems, antisocial practices

**Unit - IX - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

Social stratification - caste, class, mobility, status, religion.

Marriage, and family

Marriage patterns

Family types

Functions of family

Joint family, nuclear family/modern family

**Unit - X - Theory 6 hrs. & Practical - 6 hrs.**

**Marks : Theory : 2, Practicals : 2**

The community

Rural Community - Characteristics

Changes in the village, community development

Major rural problems

Urban community characteristics, changes and adjustments to urban development, major urban problems.

**MPHW(F)**  
**II YEAR PAPER-I**  
**MEDICAL - SURGICAL NURSING**  
**AND PHARMACOLOGY**  
**COMMUNICABLE DISEASES,**  
**PSYCHIATRIC DISORDERS**

**Objectives :To help the students**

1. To acquire an understanding of the causes, symptoms, treatment and prevention of Medical and surgical diseases commonly seen in the hospital and community and also drug therapy.
2. To develop an ability to carry out Nursing techniques with application of scientific principles.
3. To develop skill and right attitude in giving comprehensive care to patients with medical and surgical diseases.
4. Application of principles from allied sciences including social, preventive and rehabilitative aspects.
5. The related nursing procedures specific to the patient care needed in the hospital and home.

## **Section-A**

### **MEDICAL SURGICAL NURSING**

**Course Content : Theory & Practical - 80 (20 Marks)**

**Unit-I : Introduction — Theory & Practical - 10 (05 Marks)**

Principles of Medical care and treatment of Minor ailments  
Role and functions of health worker in the health care systems  
Brief history of evolution of modern medicine

**Unit II : Treatment of Minor ailments**

**— Theory & Practical - 10 (05 Marks)**

Physical Examination of the client  
Recognising signs and symptoms of minor ailments such as –  
scabies, skin rashes, impetigo, lice, boils, burns, wounds, swelling

**Unit III : Systemic disorders — Theory & Practical - 60 (10 Marks)**

a) Musculo-Skeletal System disorders

Arthritis  
Sprains  
Fractures  
Dislocations  
Back Ache

b) Respiratory - System disorders

Dyspnoea  
Rhinitis  
Chest-pain  
Epistaxis  
Sore-throat  
Haemoptysis  
tonsillitis  
Laryngitis  
Broncho pneumonia

c) Gastro-intestinal system disorders

Pain abdomen

Diarrhoea

Vomitings

Constipation, indigestion

Tooth ache, gingivitis

Pharyngitis, Glossitis

Gastritis

Hepatitis

Peptic ulcer

d) Neuro-Muscular disorders

Headache, Migrain

Epilepsy

Meningitis

Encephalitis

Paralysis

Heat Stroke

Heat Exhaustion

Neuritis

e) Urinary system disorders

Retention of Urine

Haematuria

Renal colic

Incontinance

Enuresis

f) Reproductive system disorders

Dysmenorrhoea

Vaginal discharge

Uterine prolapse

Breast abscess

- g) Endocrinal disorders
  - Goitre
  - Myxedema
  - Down's Syndrome
  - Gaigantism
  - Dwarfism
  - Tumors
- h) Cardio Vascular disorders
  - Hypertension
  - Congestive heart failure
  - Cardiomyo infarction
- i) Disorders of the eye, ear and nose
  - Foreign body in the eye, ear and nose
  - Conjunctivitis, Sty
  - Cataract
  - Xerophthalmia, Bitot Spots
  - Otitismedia
  - Trachoma

## **Section-B : Pharmacology**

### **Theory & Practical - 20 (10 Marks)**

#### **Unit : I — Theory & Practical - 10 (05 Marks)**

Introduction to pharmacology

Sources of drugs

Classification of drugs

Weights and measures

#### **Unit - II — Theory & Practical - 10 (05 Marks)**

Types of administration of drugs

Action of drugs

Factors influencing action of drugs

Legal control of drugs, policies

Storage of drugs

Abbreviations in common use

Role of the Health worker during drug administration

### **Section-C : Health Problems and Plans**

**— Theory & Practical - 30 (10 Marks)**

#### **Unit I : — Theory & Practical - 10 (03 Marks)**

a) Health Problems

Communicable diseases

Environmental Sanitation

Nutritional problems

Socio economic, Population, Poverty, illiteracy

Health workers role in prevention and control of Health problems

b) Health services at central, state, district and mandal level

Rural health services - Primary Health centre, sub centre

Supplementary health services - indigenous medical practitioners, traditional healers and private practitioners

Voluntary Health agencies

International agencies - WHO, UNICEF, FAO, RED CROSS

#### **Unit II : Health Planning and programmes**

**— Theory & Practical - 10 (03 Marks)**

Five-year plans

Implementation of Health plans at village, district, state and national level.

Major health programmes

Water supply and sanitation

Health workers responsibility in implementing health plans and programmes

### **Unit III : Communicable diseases**

#### **— Theory & Practical - 10 (04 Marks)**

Introduction to communicable diseases

Disease transmission

Signs, and Symptoms Prevention and control of communicable diseases.

Malaria, Filaria, Typhoid, Cholera, Hepatitis, acute Gastro-enteritis, Chicken-pox, mumps, measles, worm infestations, Rabies, Tuberculosis, Poliomyelitis, AIDS and STD, Dengue fever, Dysentery

Role of the health worker in prevention and control of specific communicable diseases

### **Section-D : Psychiatric disorders**

#### **— Theory & Practical - 30 (10 Marks)**

#### **Unit-I : Introduction — Theory & Practical - 06 (02 Marks)**

Normal and abnormal behaviour

Causes of abnormal behaviour

Observation of significant behavioural changes

Clinics, health centres, home visits, schools.

Early recognition of deviations from the Normal

#### **Unit-II : Mental disorders — Theory & Practical - 06 (02 Marks)**

Recognising problems of adjustment in various life stages

— Childhood

— Adolescence

— Adulthood

— Old age

Stress, withdrawal patterns of behaviour, aggressive patterns, depressive patterns, Neurotic patterns, and projective patterns.

### **Unit-III : Early detection of Mental disorders**

#### **— Theory & Practical - 06 (02 Marks)**

Recognition of signs and symptoms related to

Disturbances of consciousness and sleep, confusion, stupor, delirium, coma and sleep disturbances

Insomnia

Disturbances of thinking - delusions, incoherent speech, irrelevant talk.

Disturbances of orientation to time, place and person

Memory disturbances - amnesia

Disturbances of perception - hallucination

Disturbances of emotions - depression

Disturbances of motor activity - over activity, compulsive activity

Disturbances of intelligence - retarded behaviour

### **Unit-IV : Mental diseases — Theory & Practical - 06 (02 Marks)**

Psycho somatic diseases

Drug dependance

Drug addiction

Neurotic diseases

Psychotic diseases

Personality disorders

Mental Retardation

### **Unit V : — Theory & Practical - 06 (02 Marks)**

Basic therapies

Principles of after care supervision

Psychiatric emergencies

Legal aspects

# **PAPER II**

## **MATERNAL AND CHILD HEALTH NURSING**

(Theory - 150 hrs; Practical - 150 hrs)

(Theory : 50 Marks; Practical : 50 Marks)

### **Course Description**

This course is designed to develop an understanding of the concept of Maternal health and Child Health and to introduce Health worker to give maternal care to the mothers and child care in the Institution, urban and rural community areas.

### **Section-A : Maternal Health Nursing**

**— Theory & Practical - 10 (30 Marks)**

#### **Objectives**

1. Conduct Normal delivery and give antenatal and postnatal care to the Mother in Hospital and community
2. Recognise deviations from normal and take appropriate action
3. Participate in family welfare activities in Hospital and community
4. Refers the abnormal cases to the appropriate Health Institutions

### **Unit-I : The Reproductive System**

**— Theory & Practical - 07 (02 Marks)**

Structure of the Female Reproductive system

Female Pelvis - Difference between male and Female Pelvis

Female reproductive organs - Internal and external organs - Structure and Functions

Menstruation - The Mentrual cycle

Evaluation of Safe period, Conception and Fertilization

### **Unit II : Growth and Development Factors**

**— Theory & Practical - 07 (02 Marks)**

Development of Embryo

Development of Foetus

Sex determination, Foetal Sac, amniotic fluid, Development of Placenta, Function of Placenta, Placental abnormalities, Umbilical Cord, Normal and abnormal Foetus.

Foetal Skull - Size, Shape, diameters, Sutures, moulding skull areas, Vertex, occiput, Mentum, sutures and Fontanelles

Foetal circulation - changes after birth.

### **Unit III : Pregnancy — Theory & Practical - 12 (04 Marks)**

Physiology of Pregnancy, Diagnosis of pregnancy, signs and symptoms, Minor disorders and their treatment

Antenatal care

Importance of Antenatal care, General examination, taking history, Palpation, auscultation, Urine examination, haemoglobin estimation, blood pressure assessment detecting signs and symptoms of complications - oedema, Headache, blurred vision persisting vomiting, early detection of high Risk cases protection against Tetanus.

Advice Regarding diet intake, rest, breast care, preparation for Home delivery.

Calculation of expected date of delivery (EDD)

Education for adoption of family planning Methods after delivery

### **Unit IV : Labour — Theory & Practical - 14 (05 Marks)**

Physiology of Labour

Definition, Stages of Labour, Mechanism of Labour, Signs and Symptoms of Labour

Care during First, Second and Third Stages of Labour, at home and in the hospital

Recognizing signs of complications and danger during labour

Immediate care of the Normal new born resuscitation of new born, preventing infections, examination of newborn, recognition of abnormalities and action to be taken

## **Unit V : Normal Puerperium — Theory & Practical - 08 (03 Marks)**

Observations of Normal Changes in postpartum period. Involution of Uterus, lochia, breasts, perineum

Care of Breasts and initiation of breast feeding

Perineal Hygiene

Post-natal examinations - Recognizing signs and symptoms of complications in the Post Partum period and appropriate care to be taken

Puerperial infection, delayed haemorrhage.

Postnatal advice Regarding diet, importance of breast feeding, Hygiene of Hands, breast, danger signs, activities exercise and mental health, family planning education, benefits of adopting family planning methods, Recognizing minor discomforts of the post partum period and appropriate action to be taken

## **Unit VI : Complication of Pregnancy**

### **— Theory & Practical - 10 (02 Marks)**

Vaginal Bleeding early in Pregnancy causes, abortions, cancer cervix, ectopic pregnancy and other causes and care

Hyperemesis Gravidarum causes - symptoms prevention and care

Abortions - types, causes, Management and referral

Medical Termination of pregnancy, legal, physical, Psychological and educational aspects

Toxaemias of pregnancy - Pre-eclampsia and eclampsia causes, symptoms, management and prevention

Ectopic pregnancy - signs and symptoms, management

Management of Nutritional problems anaemia and vitamin deficiencies.

Pregnancies with uterine abnormalities retroverted uterus, prolapse., Fibroid uterus

Diseases Complicating pregnancy, tuberculosis, essential Hypertension, cardiac diseases, Jaundice, Rheumatoid arthritis and effect on foetus, pruritis, vaginal thrush and Trichomoniasis.

## **Unit VII : Complication of Labour**

### **— Theory & Practical - 07 (02 Marks)**

Abnormal Presentation, definition, mechanism of labour, diagnosis, management and referral-breech, deep transverse arrest, face to brow, shoulder presentation and cord prolapse

Abnormal uterine action - Definition, early diagnosis, management and referral.

Precipitated labour, early rupture of membranes, Hypotonic uterus, uterine inertia and retraction ring.

Cephalopelvic disproportion - early diagnosis management and referral

Prolonged labour, care, diagnosis, management and referral

Post maturity

Obstetrical emergencies - Management of Adherent or retained placenta

Management of Emergencies in home, referral, in hospital

Post-partum Haemorrhage

## **Unit VIII : Obstetrical operations — Theory & Practical - 07 (02 Marks)**

Conditions requiring surgery admission of a patient, pre-operative care - observation during operation post-operative care

Medical and surgical techniques for induction of labour - artificial rupture of membranes, episiotomy, low and Mid cavity forceps, vaccum extraction, trial labour, caesarian section

Destructive operations - decapitation and embroyotomy.

## **Unit IX : Abnormal Peuperium — Theory & Practical - 07 (02 Marks)**

Retenion of Urine - Catheterization, Peuperial sepsis, Venous Thrombosis, Thrombophlebitis, Injuries, Vesico-Vaginal fistula, recto vaginal fistula.

Breast abscess, cracked Nipples, Suppression of lactation

Psychiatric disturbances - Depression, Melancholia

## **Unit-X : Drugs used in obstetrics**

### **— Theory & Practical - 07 (02 Marks)**

Mode of administration - dose, action - Indications and side effects of oxytocin, respiratory stimulants, Narcotics, Hormones, Sedative, anti-infectives, coagulants, analgesics and drugs used in prophylaxis

## **UNit XI : Training of community level health workers, including dais — Theory & Practical - 07 (02 Marks)**

Role of Dais (Local birth attendants) and other community level Health workers, good and harmful practices of dais.

Participating in the Training and supervision of dais and other community level health workers

Establishing working relationships with dais, involvement of dais for planning, motivation, work in community.

## **Unit XII : Maintaining Records and Statistics**

### **— Theory & Practical - 07 (02 Marks)**

Keeping records upto date

Maternal Mortality Rate - Prenatal Mornality rate, census prevention, Calculation of rate, Measuring effectiveness of maternal health services.

Comparision of rates with other regions and areas comparison of rates with states and national maternal health Indicators.

## **Section-B : Child Health Nursing —Theory & Practical - 60 (20 Marks)**

### **Objectives :**

1. To acquire knowledge about normal growth and development of a child and utilize this for promotion and maintenance of child health with complete knowledge and enable to recognise deviations from the normal.
2. To develop an understanding of the needs of children at various stages and be able to interpret this to mother
3. To be familiar with preventive and curative aspects of common childhood diseases.
4. To develop basic skills in caring for children with various ailments
5. Protection of child health by giving immunization schedule i.e. BCG, small pox, DPT and Polio, Measles Typhoid, Tetanus Toxoid etc.
6. To be familiar with resources in the community for the maintenance of child health.

### **Unit I : Growth and Development of Child**

#### **— Theory & Practical - 15 (04 Marks)**

Factors affecting growth and development prenatal, Maternal nutrition, Hereditary, Environmental, Socio-Economic conditions  
Stages of child life.

Infancy, Pre-school, childhood and adolescence, Assessing basic needs and priorities.

Teaching Mothers about needs and priorities development tasks

Assessment of growth and development

Weight, Height in relation to normal growth

Milestones of Psychomotor development movements,, talking, sitting, standing, walking, teething

Examination of the child

## **Unit II : The new born — Theory & Practical - 15 (04 Marks)**

### Observation and Assessment

examination of the new born, neonatal reflexes, normal weight, height, changes in form and proportion, physiological jaundice, examination for anomalies

Immediate care of the new born bathing, clothing, feeding, excretion and cleaning and sleeping

### Premature infant care

special needs, temperature control, protection from infections, protection from injury, special precautions in daily care, preparation of protective environment in the home and hospital, when to call for medical aid.

Injuries and disease of the new born convulsions, asphyxia, Fracture and Paralysis.

Anomalies - Imperforated anus, hare lip, cleft palate, spinabifida, meningocele, ophthalmia Neonatorum, Jaundice, tetanus, Neonatal thrush, sore buttocks, cord sepsis, cord hernia and phimosis.

## **Unit III : Nutritional Requirements**

### **— Theory & Practical - 10 (04 Marks)**

#### Infant feeding

Preparation in breast feeding, antenatal period, advantage, schedule, contra indications

#### Artificial feeding

Contra indications, mild types, modification, calculation of formula, Selection of formula, selection of bottles, bottle feeding, other devices for weaning and supplementary feeding

#### Weaning

Introduction to semisolids and solids, demonstration of food preparations suitable for infants according to locally available foods

Preschool child feeding

Requirements for growth, calories and Nutrients - anencing value and improving diet.

Feeding of infant, Pre-school children and school children to prevent deficiency diseases - Rickets, Marasmus, kwashioker, anaemia, Vitamin 'A' deficinecy, B.Complex deficiency.

#### **Unit IV : Protection of Child Health**

##### **— Theory & Practical - 10 (04 Marks)**

Immunization schedule BCG, Small pox, DPT polio, Measles Hepatitis 'B' and Vitamin 'A' drops.

#### **Unit V : Prevention — Theory & Practical - 10 (04 Marks)**

Prevention and Treatment of common childhood diseases and common cold, cough, pnuenmonia, eye and ear infection, skin infection - Measels, chickenpox. Diarrhoea, vomiting, dehydration. Whooping cough, Mumps, Tetanus, Constipation, indigestion, worm infestation, malnutrition

Infant Mortality - causes, prevention current rate

Prevention of accidents, at Home, on the road, in school common child hood accidents

First - aid Measures - Scalds, Foreign bodies in the ear, nose, throat and eye. Poisoning, Suffocation.

Social and preventive aspects

Environmental Health Hazards and hereditary.

Agencies for child care and welfare well baby clinics, child guidance clinics, school health service and school feeding programme.

Adult Education Centres

Providing family life education of woman, Mother craft classes for improvement of child care, school for handicapped children, Rehabilitation centres disabled handicapped children, legal provision for protection of children, improving child health care services

Role of Health worker, Family and community, working with other members of the Health team

**PAPER III**  
**COMMUNITY HEALTH NURSING - II**

**Objectives :**

1. To develop understanding of positive health and the essentials required of MPH (F) for community health Nursing practice.
2. To develop an ability to apply principles and techniques of home visiting.
3. To develop an ability to give family welfare services in the community.

**Course Content : Section -A — Theory & Practical - 60 (20 Marks)**

**Unit I : MCH services — Theory & Practical - 20 (05 Marks)**

Antenatal care  
Intranatal care  
Postnatal care  
Care of the new born  
Immunization  
Under five clinics

**Unit II : — Theory & Practical - 10 (05 Marks)**

Health and disease concept and definitions  
Health problems  
Communicable disease problems  
Nutritional problems  
Environmental problems  
Socio economical problem  
Population, poverty, illiteracy and health problems

**Unit III : Communicable diseases**

**— Theory & Practical - 20 (05 Marks)**

Malaria, filaria, Dengue fever, Typhoid, Cholera, Hepatitis, Tuberculosis Gastro enteritis and other Gastro intestinal infections  
Dysentery, small pox, measles, Chicken pox, mumps, diphtheria, Trachoma, Conjunctivitis,  
Warm infestation - Hook worm, round worm, thread worm, giardiasis  
Rabies, Polio myelitis  
Influenza, whooping cough, tetanus, leprosy, plague, kala-azar, STD - Gonorrhoea, Syphilis, Chancroid Lympho granuloma venerium and AIDS.

**Unit IV : — Theory & Practical - 10 (05 Marks)**

Disease Transmission  
Mode of Transmission  
Reservoir of infection

## **Section -B — Theory & Practical - 10 (02 Marks)**

### **Unit I : Health Education — Theory & Practical - 10 (02 Marks)**

Planning and assessment

- a) At home
- b) Clinic
- c) Hospital

### **Unit II : Communication skills for Health worker**

#### **— Theory & Practical - 15 (03 Marks)**

Elements of communication - Sender, message, receiver channels of communication

Factors influencing communication

Factors related to message, sender, receiver, situation, barriers of communication

Types of communication

- Verbal and non verbal
- Formal and informal two way and one way
- Face to face communication
- Mass communication

### **Unit III : Basic Skills for communication**

#### **— Theory & Practical - 15 (03 Marks)**

Human relations skills - listening skills, writing skills and drawing skills

Communication for Health work through - talks, broad - casts, roleplay, group discussion, demonstration, puppet show, display, exhibitions, communication with individuals, families, groups and large community.

Interaction and feed back.

### **Unit IV : Audio-visual AIDS — Theory & Practical - 10 (02 Marks)**

Audiovisual aids - classification of audio-visual aids

Purposes of audiovisual aids

Selection of suitable AVaids for Health work

Preparation of AVaids for health work

## **Section-C — Theory & Practical - 50 (10 Marks)**

### **Unit - I : National Health programmes of family welfare.**

#### **— Theory & Practical - 15 (03 Marks)**

Different methods of family planning

- a) Natural
- b) Biological
- c) Chemical and
- d) Surgical

Planning and organising family planning programme in an area

Role of MPHWH (F) in family planning programme

- a) Organizing clinics
- b) Home and community services
- c) Setting up of targets, plans etc.

Records and reports maintained for family planning

### **Unit II : Health Plans and Programme**

#### **— Theory & Practical - 15 (02 Marks)**

Five year plans, Health plans at village, district, state and national level.

Major health Programmes, related to Malaria, Filariasis, Tuberculosis, Leprosy, Trachoma, Venereal diseases, Goitre, Blindness control programme, AIDS, Nutritional Programmes - Pulse Polio Programme.

Immunization programme.

### **Unit III : Health care delivery system**

#### **— Theory & Practical - 20 (05 Marks)**

Central, State, district, Mandal and Village level, Rural Health services, urban Health services

Planning committees - Types of committees - Bore committee

Kartar Singh committee - Mudaliar etc.

Voluntary Health agencies

International Health agencies - WHO, UNICEF, FAO, Red Cross

Supplimentary Health Services like

— Indegenous medical practioners

— Traditional Healers

— Private practioners

Social welfare services programme

**EQUIPMENT REQUIRED FOR MULTIPURPOSE  
HEALTH WORKER FEMALE/ANM  
COURSE/NURSING**

**I. NURSING ARTS LABORATORY**

**1. Enamel Articles**

Big size enamel trays 40 x 30cm	4
Medium size trays 30 x 25 cm	4
Small size enamel trays 20 x 15 cm	4
Medium size trays with lid 30 x 25	1
Big size enamel basin 36 cm	2
Medium size enamel basin 32 cm	4
Bowls 20 cm diameter	4
Bowls 10 cm diameter	2
Feeding cups	2
Buckets	2
Jugs (2 litres plain)	2
Bins Medium size 20 x 20 cm	4
Bins small size 10 x 10 cm	2
Litre measure	2
1/2 litre measure	1
sputum cups	1
Funnels	2
Kidney trays big (25 cm)	2
kidney trays medium (20 cm)	2
Enemal cans 1 litre capacity	2
Uriinals (plastic)	2
Bed pans (enamel)	2
Nelsons Inhaler	1

## **II. Stainless Steel**

Blows medium	4
Kidney basins medium (20 cm)	4
Kidney basins small (15 cm)	4
Small cups	4
Teaspoon	4
Tray with lid small	4
Spirit lamps	4

## **III. Aluminium Articles**

Mugs	4
Kettle small	4
Dekchi with lid	2
Feeding Bottle	6
Bottle Stand	1

## **IV. Glass Articles**

Oral thermometers	6
Rectal thermometers	2
Syringe 20 cc	2
Syringe 10 cc	2
Syringe 5 cc	2
Syringes 2 cc	2
Insulin Syringes 1 cc	1
B.C.G. Syringes	1
Test tube	4
Urino meters	10
Conical flasks	2
ounce glasses	2
Minimum Glasses	4
Tumblers	1

Bath thermometers	2
Glass connections	2
Droppers	4
Wide mouth bottles (250 ml)	2
Wide mouth bottles (250 ml)	2
Wide mouth bottles (100 ml)	2
<b>V. Wooden Articles</b>	
Spatulas	4
Test tube holders	4
Mouth gags	2
Wodden or plastic brushes	6
test tube stands	2
Back rests	1
weighing scale box	1
weight box	1
splints	6
wooden blocks	8
<b>VI. Plastic Articles</b>	
Soap dishes	4
Nail brushes	4
combs	4
aprons	2
Buckets	2
Mackin tosh	4
<b>VII. Rubber Articles</b>	
Mucus sucker	2
Kellys Pad	1
Hot water bags (medium)	2
Ice cap	2

Air way	1
Ryles tubes	2
Rubber tubes polythene	10
Nasal Catheter	2
Urinary catheters	2
Bedsized mackintosh	2
Mushroom catheters (Self retained)	1
Long mackintosh	2
Breast Pumps	2
Urinal	1

### **VIII. Instruments**

Stethoscopes	4
Cushcush speculum	4
Sims speculum	4
Tongue depressor	4
Scissors '7'	2
Scissors '5'	4
Thumb forceps - toothed	4
Thumb forceps - non toothed	4
Test tube holders	4
Cheatele forceps	4
Paracatheter sets	4
Towel clips	2
Kneehammer	2
Needle holder	1
Bar speculum	1
Artery forceps	2
Bandage roller (16cm x 100cm)	1
Suction tube 10 cm	1

Blade with handle	1
Hypodermic Needles B.P. handle (pkt of 10)	4
Intradermal Needles (pkt. of 10)	4
L.P. needles	1
C.D. Set	1
B.P. Apparatus	4
Round Bodied anaroid	2
Inch tape	2
Torch light (with cells)	1
First Aid box (big)	1

## **Midwifery Equipment**

### **Midwifery Kits**

Clamps (artery)	2
Rectal catheter	2
Plastic connections	2
Urinary catheters Rubber	2
Kidney tray	1
Foetus scope	1
Stethoscope	1
Bowls	2
Finger glove (set of 5)	10
Gloves	2
Inch tape	1
Rectal thermometers	2
Oral thermometers	1
Plastic containers	5
Glass bottles	5
Spirit lamp	1
Test tube holder	1

Cheattle forceps	1
Artery forceps	2
Scissors straight	1
Weighing scale	1
Soap dish	1
Hand towels	1
Brush	1
Surgical pads	1
Safety pins	2
plastic mackintosh	1
Plastic apron	1
Cotton roll	1
Test tubes	2
Plastic over for the apron	1
Mucus sucker	1

### **Bed Sheets**

Draw Sheets	10
Pillow covers	10
Bath towels	6
Treatment towels	6
Packing towel (green)	6
Triangular bag covers	4
Air ring covers	4
Marks	4
Ice collar covers	2
Abdominal binders	2

### **Sponge bags 12**

Green surgical towels	2
Counter panes	2

Caps	2
Fenestrated towels	2
Pillows	4
Blankets	4
Cold compress	2
Perennial Towels	6
Abdominal Drapers	6
<b>Bandages Cotton Roller</b>	
4"	6
3"	6
2"	6
1/2"	6
1/4"	
Capline Bandage 4 mts	1
Triangular Bandages	12
Crape Bandage	1
Rubber Bandage	1
<b>A.V. Aids</b>	
Charts for carbohydrates	1
Charts for proteins	1
Charts for fats	1
Charts for Beverages	1
Charts on Balanced Diet	1
for Vitamins	1
Projector with Screen	1
Charts and models on each system	1
Charts on AIDS	1
Skeletal System	1
Muscular System	1

Nervous System	1
Circulatory System	1
Digestive System	1
Respiratory System	1
Excretory System	1
Charts on First aid - Kidneys, Skin	1
Charts on artificial respiration	1

**Models :**

1. Skull, with Brain	1
2. Eye Structure	1
3. Heart	1
4. Lungs	1
5. Kidneys	1
6. Stomach	1
7. Ear	1
8. Reproductive - Male, Female	1

**The address for charts and Models**

- 1) Ganis Surgicals, Tilak Road, Abids, Hyderabad.  
for equipment of Nursing Arts Lab.
- 2) Bharat Surgicals, Nampally, Hyderabad.  
Address for Books, Paras Book Sellers, On the way, Koti to  
Mojamjahi (Left Side) Road.

## MPHW (F) NURSING

### VIII. Equipment required for Nutrition Lab.

Gas stoves with cylinders	2
Tables wooden	2
Assorted Dekshi with Lid	6
Deepfrying Pan	2
Shallow frying pans	
Serving plates	4
Quarter plates	4
Cup Saucers	4
Tea Spoons	4
Rice Serving Spoon	1
Curry Serving Spoon	
Glass Tumblers	4
Tea Stainers	1
Coffee filter	1
Hot packs medium	2
Flask	1
Churner	1
Mixer Grinder	1
Dhall Smasher, Egg beater	1
1/2 Kg containers for ingredients	24
Rice, Dhall, Turvar Dhall, Udath Dhall, Sugar, Turmeric, Chilly Powder, Pepper - Salt, Jeera, Mustard Channadhalla, Tea, Powder, Coffee, Powder, Wheat, Atta, Ragiatta - Ravva.	
Bowls, Quarter size	6
Laders	4
Knife for vegetables cutting	1
Bread knife	1

Refrigerator for preservation of vegetables and to show the different methods of preservation of food

Sieve	1
Chapathi Roller	4
Poori presser	4
Containers - for oil	2
Containers - for seasoning ingredients	6
Containers for Onion, Garlic, Red Chillies	4

### **VIII. Clinical Practice**

To provide learning experience in fundamentals of Nursing Medical Surgical, Nursing, and maternal and child health nursing institutions should have an affiliation with a General Hospital with a minimum of 160 beds covering all the general conditions. Preferably district head quarters hospital/Area hospitals.

### **IX. Field Practice**

To provide learning experience in Community Health Nursing Institution should have an affiliation with Urban Health Centre/ MCH Centre and Primary Health Centre with in 25 kms radius. Residence in a rural area is a must during rural community health nursing experience.

### **X. Qualification for Lecturers**

For the post of Junior Lectures /Public Health Nurse (Teaching) The minimum qualification is B.Sc. Nursing / General Nursing candidates with Five year's of Experience if B.Sc.(N) not available.

Also eligible M.Sc.(N) candidates are preferable.

### **XI. Vertical Mobility**

- (a) With Bridge Course for General BSc and EAMCET
- (b) Without Bridge Course GNM or BSc (N)

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# **VOCATIONAL CURRICULUM-2005**

**(With effect from the Academic Year 2005-2006)**

**CURRICULUM OF INTERMEDIATE VOCATIONAL  
COURSE IN**

# **MULTIPURPOSE HEALTH WORKER (FEMALE)**



**STATE INSTITUTE OF VOCATIONAL EDUCATION &  
BOARD OF INTERMEDIATE EDUCATION A.P.  
Nampally, Hyderabad**



## **FOREWORD**

The National Policy on Education (1986) while proposing educational reorganization, placed high priority on the programme of vocationalisation of education. It emphasized that well planned, systematic and rigorously implemented vocational education will create a distinct stream to prepare students for identified occupations encompassing several areas of activity. The primary aim of vocational courses was to cut across several occupational fields and prepare students with employable skills in organized sectors and self employment. Vocationalisation through re-orientation of educational strategies focused on creating a talent pool of skilled youth who are trained in courses relevant to the market and emerging needs of the various sections of the economy.

Inspired by this vision of the National Policy, the Government of Andhra Pradesh introduced Vocational Education at +2 level with an aim to diversify a sizeable segment of students at the senior secondary stage to the world of work. The State Government aimed at reducing the pressures on higher education through empowering youth by harnessing their capabilities. The requirement of skilled manpower industry is being fulfilled by charting a student's career with right options based on aptitude and talent. An right alternative to medical and engineering courses is envisaged in vocationalisation of education in the State.

In view of the changing needs of the students and growing demand for a spectrum of skill competencies in the economy, the Board of Intermediate Education has reviewed the curriculum of Vocational Courses in order to re-orient them based on their viability and practicability. The revised curriculum for Vocational Courses at Intermediate Level will come into effect from the Academic Year 2005-06 1st Year and from Academic Year 2006-07 for 2nd Year students.

I am confident that the revised curriculum will attract more and more students into vocational stream and help them train in need-based, productive courses leading to gainful employment.



**SHASHANK GOEL**

Secretary, BIE



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