# B. Voc. Health Care & Nursing (for the Academic Year 2021-22)

#### Sri Y.N.College(Autonomous)Narsapur

(Affliated to adikavi Nannaya University) Thrice Accredated by NAAC with A Grade

Recognised by UGC as College with potential for excellence

#### Semester-1

#### B vocational Health Care and Nursing

#### Human Anatomy & Physiology --- Theory (paper-3)- Syllabus

#### UNIT-1

Introduction to Anatomy and physiology: Cell Introduction, Overall Skeletal Muscular System and Tissue

Digestive system: Mouth, Esophagus, Stomach, Intestines, Function of Digestive System, Application in Nursing

#### UNIT-2

Respiratory system: Structure of lungs, Functions of lungs, Volumes of lung, Application in Nursing

Cardio Vascular system: Structure of heart, Blood vessels, Functions of heart, Cardiac cycle, pulmonary arterial circulation, Lymphatic system, lymphatic vessels, Tissue, Application in Nursing

#### **UNIT-3**

**Nervous System:** Structure of Neuron, Parts of Brain, Spinal Cord, Spinal & Peripheral Nerves, Functions of Central Nervous system, Autonomic Nervous system, Sympathetic, Application in Nursing

#### UNIT-4

Excretory System: Structure of Kidney, Ureters, Urinary bladder, Urethra, Function of Excretory system, Structure of skin, Application in Nursing

#### UNIT-5

**Endocrine System:**\_Gross Structure of Pituitary, Pancreas, Thyroid, Parathyroid, Thymus and adrenal glands, Functions of all glands, Application in Nursing

**Reproductive System:** Gross Structure of female & male reproductive system, Functions of female & male reproductive systems, Application in Nursing





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#### Semester-1

Max marks:75

### B vocational Health Care and Nursing (2021-2022)

Human Anatomy & Physiology

#### SECTION-A

2x15=30M

- Answer any TWO questions each one carries 15 marks.
   Draw labeled diagrams wherever necessary.
- Describe the structure of a cell with a neat labeled diagram?
- 2. Describe the structure and functioning of human heart?
- 3. Describe the structure of human brain?
- 4. Describe the male reproductive system?

#### SECTION-B

5x7=35M

- Answer any FIVE questions each one carries 7 marks.
   Draw labeled diagrams wherever necessary.
  - 5. Explain pancreas?
  - 6. Functions of stomach?
  - 7. Describe liver?
  - 8. Explain lungs?
  - 9. Write about cardiac cycle?
  - 10. Explain about functions of kidney?
  - 11. Describe adrenal gland?
  - 12. Explain thyroid gland?

#### SECTION-C

5X2=10M

- III. Answer any FIVE questions each one carries 2 marks. Draw labeled diagrams wherever necessary.
  - 13. Define mucular system?
  - 14. Define Anus?
  - 15. Define blood vessels?
  - 16. Define sense oragans?
  - 17. Write about spinal cord?
  - 18. Functions of pituitary glands?
  - 19. Parts of female reproductive system?
  - 20. Define nephron?





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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
I luit 1	01	02	02
Unit-1 Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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1st Year Health Care & Nursing Course

#### Semester-1

Primary Health Care Nursing (Nursing Foundation)
Theory (paper-1) - Syllabus

#### UNIT-1

**Introduction:** Role Concept of health: Health illness continuum, Factors influencing health, causes and risk factors for developing illness, Health promotion and levels of disease prevention, Types of Healthcare Agencies, Primary health care and its delivery role of Nurse

Nursing as a Profession: Definition and characteristics of profession, Concepts, Philosophy, Objectives, Functions of Nurse, Qualities of a Nurse, Ethics and professional conduct of Nurse

#### UNIT-2

Hospital Admission and Discharge: Admission to the hospital, Discharge from the Hospital

Vital Signs: Guidelines for taking vital signs, Temperature, Pulse, Respiration, Blood pressure

**Documentation in Nursing:** Purposes of Recording and reporting, Types of records and reports, Maintaining Nursing records, Methods of Recording, Minimizing legal liability thru effect record keeping

#### UNIT-3

Nursing Process: Assessment, Nursing Diagnoses, Planning, Implementation, Evaluation Health Assessment: Purposes of health assessment, Health history, Physical examination

#### UNIT-4

Infection Control: Hard washing, biomedical waste management

Administrative of Medication: Purpose and principles of administrative of medication, Routes of administration

#### UNIT-5

Care of Terminally ill Patient: Concepts of loss, Grief, Grieving process, Sings of clinical death, Care of dying patient

First Aid: Introduction to First Aid, Bandages, Wound Cleaning, Shock prevention, poisoning, Foreign bodies, Burns.

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#### Semester-1

Max Marks: 75

#### **B vocational Health Care and Nursing**

Batch (2021-2022)

Primary Health Care and Nursing Foundation

#### SECTION-A

2x15=30M

- I. Answer any TWO questions each one carries 15 marks.
- 1. Define Nursing and write about qualities and professional conduct for Nurse?
- 2. Explain the Health illness continuum, factors influencing health, levels of disease prevention?
- 3. Define pulse, Explain the sites of taking pulse, characteristics of pulse?
- 4. Define Nursing process, Explain about the phases of nursing process?

#### **SECTION-B**

5x7=35M

- II. Answer any FIVE questions each one carries 7 marks.
- 5. Explain the step by step process of hand washing?
- 6. Define biomedical waste management and explain segregation of biomedical waste management?
- 7. Explain about routes of drug administration?
- 8. Explain grieving process?
- Describe the signs of clinical death?.
- 10. Explain the care of dying patient?
- 11. Types of shock?
- 12. Explain the steps of wound?

#### SECTION-C

5x2=10M

- III. Write any FIVE of the following.
  - 13. Define hospital?
  - 14. Define health?
  - 15. Define Nursing?
  - 16. Define loss Loss and grief?
  - 17. Rights of drug administration?
  - 18. Define records and reports?
  - 19. Define pulse?
  - 20. Define respiration?





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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
I luit 1	01	02	02
Unit-1 Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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#### Semester-1

#### B vocational Health Care and Nursing

#### Practical Paper-1

Primary Health Care and Nursing Foundation

Time: 3 hrs

Total Marks: 100

Internal Marks: 25 (At hospitals in General Wards) Case Presentation.

- 1. Kardex
- 2. Nurses Notes
- 3. History Collection
- 4. Physical examination
- 5. Lab investigation
- 6. Nursing Diagnosis
- 7. Nursing Care Plans
- 8. Medication Charts
- 9. Health Education

#### External Marks: 75 (At hospitals in General Wards)

1.	Case Presentation	- 25
2.	Viva & Records	- 10
3.	Procedures	- 10
4.	Charts	- 10
5.	Behavioral Marks	- 10
6.	Personal Skills	- 10







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1st Year Health Care & Nursing Course

#### Semester-1 Nursing Foundation Practical-Paper-1 (Syllabus)

#### Skills:

#### 1. Hospital admission and Discharge

- Admission
- Prepare unit for new patient
- Prepare admission bed
- Performs admission procedure
  - a. New Patient
  - b. Transfer in
- Prepare Patients Records

#### 2. Discharge(or) Transfer out:-

Perform discharge procedure (planned discharge. (AMA and abscond, Referrals and transfers)

#### 3. Perform Assessment:-

- History taking, Nursing diagnosis
- Write Nursing care plan

#### 4. Viral Signs:

Measure, records and interpret all creations in body temperature, pulse, Respiration and blood pressure.

#### 5. Prepare Patient's Unit:-

- Prepare beds
  - a. Open, Closed, Occupied.

#### 6. Body Alignment and Mobility:-

Positioning:- Recumbent, lateral(Rt &It), follower's, Sims, lithotomy, prone

- 7. Oxygen Administration
- 8. CPR-Basic life support

#### Assignments:-

- 1. Practice in Unit/Hospital/Lab
- 2. Write Nursing Process
- 3. Health Talk
- 4. Measure vital signs of assigned patient
- 5. Simulated exercise on CPR manikin
- Department of impectvies control &CSSD
- 7. Collection of sample for culture





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1st Year Health Care & Nursing Course

#### Semester-1

#### Nutrition & Biochemistry - Theory (paper-2) - Syllabus

#### UNIT-1

Introduction: Role of Nutrition in Maintaining health, Nutritional problems in India, National Nutritional Policy, Role of food and its medical value, Classification of foods, BMR, element of Nutrition, micro and macro.

#### **UNIT-2**

Carbohydrates, Fats, Proteins: Classification of Carbohydrates, Fats, Proteins and caloric values, Malnutrition and its deficiencies, Functions

Vitamins and Minerals, Water, Electrolytes: Classification of vitamins and Minerals, daily source of dietary sources and their deficiencies

#### **UNIT-3**

Cookery rules and Preservation of Nutrients: Principles methods of cooking and serving, balanced diet, safe food handling, toxicity, Storage of food, food preservation, food additives & its principles

#### UNIT-4

#### INTRODUCTION TO BIOCHEMISTRY

- Definition and significance in Nursing
- Review & structure, composition and Functions of cell
- Structure & Function of cell membrane
- Structure & function of cell organization
- Microscopy
- Sodium pump

#### UNIT-5

#### Composition and Metabolism of Carbohydrates and Lipids

- Metabolism- Pathway of Glycosis
  - -Tri carboxylic Acid(TCA) Cycle
  - -Regulation of blood glucose level
- Lipoproteins and their Function:- VLDL, IDL, HDL, LDL
- Protein synthesis
- Chromatography
- > Chemistry, Functions & uses of Prostoglandis

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#### Semester-1

Max marks:75

#### B vocational Health Care and Nursing

Batch(2021-2022)

**Nutrition & Biochemistry** 

#### **SECTION-A**

2x15=30

- Answer any TWO questions each one carries 15 marks.
  - 1. Define nutrition. write about the classification of foods and factors affecting nutrition?
- Define vitamins and explain the classification of vitamins and their deficiencies?
- 3. Define cooking. Write the methods and principles of cooking and storage of food?
- 4. Describe the male reproductive system?

#### SECTION-B

5x7 = 35

- Answer any FIVE questions each one carries 7 marks.
- 5. Explain in detail about PEM?
- 6. Define fats and what are the sources of fats?
- 7. Explain about diarrohea?
- 8. Write about food adultration?
- 9. Define microscope and explain with a neat labeled diagram?
- 10. Write a short note acid base balance?
- 11. Describe the functions of plasma proteins?
- 12. Role of nurse in bio chemistry?

#### **SECTION-C**

5X2=10

- III. Answer any FIVE questions each one carries 2 marks.
  - 13. Define chromotography?
  - 14. Define BMR?
  - 15. Define malnutrition?
  - 16. Define toxicity?
  - 17. Define LDL?
  - 18. Define Antigens?
  - 19. Functions of lycoproteins?
  - 20. Define metabolism?





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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
I luit 1	01	02	02
Unit-1 Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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1st Year Health Care & Nursing Course

# Semester-2 Syllabus- Microbiology Paper-4 <u>UNIT-1</u>

#### Introduction:

- Importance of Microbiology—Relevance to Nursing
- General Characteristics of bacteria:
- Structure and classification of bacteria
- Types of bacteria
- Demonstration of bacteria—Microscopy and stating
- Parts of bacterial cell
- Growth and Nutrition of Bacteria
- > Laboratory methods of identification of bacteria.

#### UNIT-2

#### INFECTIONAL CONTROL:-

- Infection: Definition, types, sources, modes of transmission, types of infectious diseases
- Asepsis and disinfection
- Sterilization methods
- Standard bio-safety measures
- Bio-medical waste
- Role of nurse in infection control
- · Hospital acquired infection

#### **UNIT-3**

#### IMMUNITY:-

- Immunology:- Definition and terms.
- Immunity:- Innate and acquired immunity.
- Antigen:- Antibody.
- ELISA
- Hypersensitivity: Monteux test
- Immune prophylaxis
- · Hypersensitivity:- Type I,II,III,IV, hypersensitivity reaction

#### UNIT-4

#### **PATHOGENIC VIRUSES AND FUNGI:-**

- Classification of viruses.
- RNA Viruses:- Poliomyelitis, Influenza Mumps, Rubella, Rabies, Japanese encephalitis chikungunya.
- DNA Viruses :- Variola, Varicella Zoster ademovirus, papilloma virus.
- Viral hepatitis:- Hepatytis viruses A,B,C,D,E.
- Rota virus, HIV Virus.
- · FUNGI:- Classification of fungi

- Dermatophytosis, Candidiasis
- Pathogenic Fungi mycotism & mycotoxicosis

#### UNIT-5

#### Parasites and Demonstration of Procedures:-

- Protozoal infectious: Amoebiasis, Malaria.
- Nematode infection: Ascarislumbricoide aneylostoma duodenanale, wuchereria Bancroft.
- Demonstration of practical procedures in Microbiology.
- Microscopy: Types, parts, uses
- Hanging drop preparation
- Simple staining
- · Grain's staining
- Ziel Neelsen's staining (Acid Fast staining)
- Albert staining
- Widal test
- VDRL test
- Culture and sensitivity test
- Cestode infections:- taenia solium

#### Reference Books

- Author: Ananthanarayana. The text book of Microbiology
- Author: Baveja. The text book of Microbiology.
- Author: G.Swarna. The text book of Microbiology

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1st Year Health Care & Nursing Course

Paper-5 Semester-2 Syllabus-Microbiology

Time: 3 hrs.

Max Marks:75

 $2 \times 15 = 30$ 

#### **SECTION-A**

- Answer any two questions. Each one carries 15 Marks.
  - 1. Define Microbiology. Write about the classification and structure of bacterial cell with labeled diagram
  - 2. Define Infection. Write the types, sources and mode of transmission of diseases and role of nurse in infection control.
  - 3. Define Immunity. Write the types of immunity and immune prophylaxis.
  - Define staining techniques. Write the Grahm's staining and acid fast staining techniques.

#### **SECTION-B**

II. Answer any FIVE Questions. Each one carries 7 marks

 $5 \times 7 = 35$ 

- 1. Importance Microbiology in Nursing.
- 2. Growth and Nutrition of bacteria.
- 3. Sterilization methods.
- 4. Bio-medical Waste.
- 5. Antigen- Antibody reactions.
- 6. Hypersensitivity reactions
- 7. Define hepatitis virus.
- 8. Hanging drop preparation.

#### **SECTION-C**

III. Answer any Five Questions. Each one carries 2 marks

 $5 \times 2 = 10$ 

- 1. Define Microbiology
- 2. Parts of bacterial cell
- 3. Define disinfection and asepsis.
- 4. Define infection. Write types of infection diseases
- 5. Elaborate ELISA
- 6. Define immunity
- 7. Classification of fungi
- 8. Classification of protozoal infections

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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
I luit 1	01	02	02
Unit-1 Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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#### 1st Year Health Care & Nursing Course

#### Paper-5 Semester-2

#### **Syllabus-Pathology and Genetics**

#### UNIT-1

#### Introduction:

- > Importance of the Study of Pathology
- Definition and terms
- > Cellular and Tissue changes
- Infiltration and Regeneration
- Inflammations and Infections
- Wound healing, Vascular changes

#### Cellular Growth Neoplasm's:-

- Normal and Cancer Cell
- Benign and Malignant Growths
- Disturbance of fluid & Electrolye balance

#### **UNIT-2**

- Hemoglobin
- RBC, White Cell & Platelet counts
- Bleeding and clotting time, and prothrombin time
- Blood grouping and cross matching
- Blood culture
- Serological and immunological Tests
- Examination of Bone marrow
- Methods of collection of Blood specimen for various clinical pathology, biochemistry, microbiology tests.
- Normal values

#### **UNIT-3** (Urine and faeces)

#### Urine

- Physical Characteristics
- Analysis
- Culture and Sensitivity

#### Faeces

- Characteristics
- Stool Examination:- Occult blood, ova, parasite and cryst
- Methods of collection for various tests inference and Normal values
- Stool examination:- reducing substances etc.,

#### **UNIT-4 (Introduction to Genetics)**

- · Practical application of genetics in Nursing
- · Review of cellular division mitosis and meosis
- · Characteristics and structure of genes
- Chromosomes –Sex determinations

#### **UNIT-5**

#### (Maternal, Prenatal and generic influence on development of defects and diseases)

- Consanguinity atopsy
- Spontaneous abortion
- · Neural tube defects and the role of folic acid in lowering the risk
- Down syndrome
- Infertility

#### Generic Testing in the neonates And children

Congenital abnormalities, Gene therapy, Genetic counseling

#### Reference Books:-

- The textbook of pathology, Author Viswanath
- The text Book of Genetics—Author Lakshmi

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#### 1st Year Health Care & Nursing Course

Paper-5 Semester-2
Syllabus-Pathology and Genetics

Time: 3 hrs.

Max Marks:75

 $2 \times 15 = 30$ 

#### **SECTION-A**

- Answer any two questions. Each one carries 15 Marks.
  - 1. Define pathology. Write the importance of pathology in nursing.
  - 2. Define Blood. Write the types of blood cells with diagrams and their deficiencies
  - 3. Define genes. Write about the characteristics and structure of genes.
  - 4. Define consanguinity. Write about congenital malformations with explanations.

#### SECTION-B

- II. Answer any FOUR Questions. Each one carries 5 marks
  - 1. Define infections and inflammations.
  - 2. Define wound Healing. Explain the stages of wound healing
  - 3. Define Bleeding and clotting time and Prothrombin time.
  - 4. Bone marrow examination.
  - 5. Write about the chromosomes.
  - 6. Practical application of genes in Nursing
  - 7. Down syndrome.
  - 8. Neural tube defects.

#### **SECTION-C**

- III. Answer any Five Questions. Each one carries 2 marks
  - 1. Define blood grouping
  - 2. Cellular and Tissue changes
  - 3. Define infiltration.
  - 4. Difference between the benign and malignant cells.

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- 5. Define hemoglobin
- 6. Define Blood culture
- 7. Purpose of school examination
- 8. Genetic counseling

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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
I lait 1	01	02	02
Unit-1 Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5	-	01	02

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1st Year Health Care & Nursing Course

#### Semester-2

### Syllabus-Community Health Nursing Theory Paper-6 UNIT-1

#### INTRODUCTION:-

- Community of health Nursing
- Determination of Health
- > Promotion & Maintenance of Health

#### **ENVIRONMENTS:-**

• Air, light, Ventilation, Water, Housing, Sanitation, Disposal of waste, Disposal of dead bodies, Noise.

FOOD HYGIENE:- Production preservation, purchase, prevention of food.

#### SOCIO-CULTURAL:-

- Customs—Taboos
- Marriage system, Family structure

#### PHYSICAL ACTIVITY:-

- Recreation & Sleep
- Self Reliance
- Dietary pattern
- Education, Occupation

#### **FINANCIAL MANAGEMENT:-**

- Income
- Budget

#### UNIT-2

#### **EPIDEMIOLOGY:-**

- · Definition, concept, aims and terminology used in epidemiology
- Morbidity and mortality
- Levels & Prevention

#### Methods and Epidiology

- Descriptive
- Analytical
- Experimental



#### UNIT-3

#### **Epidemiology and Nursing management of common communicable diseases**

#### **Respiratory Infections**

- Small pox, chickenpox, Measles influenza, Rubella ARI & Pneumonia mumps, Diptheria.
- Whooping cough, meningitis
- Tuberculosis

#### **Internal Infections**

- Polimyelities
- Viral hepatitis, Cholera, Diarrhoea
- Typhoid fever, food poisoning

#### **Arthopod Infection**

Viral; Dengue, Malaria and Filariasis

Radies yellow fever, japnese encephalitis

Bacterial; Brucellosis, plague, Anthrax

Surface Infection; Trachoma, tetanus, leprosy, STD RTI, HIV, AIDS

#### UNIT-4

#### Epidemiology and Nursing Management of non communicable diseases.

Malnutrition: Under nutrition, over nutrition

#### **Nutrition Deficiencies:**

- Anemia
- Hypertension
- Stroke

**Rheumatic:** Heart disease, coronary heart disease, Diabetes mellitus, Blindness, Accidents, Mental illness, Obesity, Iodine deficiency, flurosis

#### UNIT-5

#### Demography:-

- Definition, concept & Scope.
- Methods of collection, Analysis
- Demographic Rates and Rations

#### **Population Control**

· Population explosion and its impact on social, economics, development of individual society and country

#### **Population Controlling**

- Over all development, women empowerment social, economic and educational development.
- Small family norms
- Methods and family planning
- · Emergency contraceptives

#### Reference Books

The Text Book of "Park'



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#### 1st Year Health Care & Nursing Course

Paper-5 Semester-2

Syllabus- Community Health Nursing

Time: 3 hrs.

Max Marks:75

#### SECTION-A

 $2 \times 15 = 30$ 

#### I. Answer any two questions. Each one carries 15 Marks.

- 1. Define Community Health Nursing. Write importance of Community Health Nursing in nursing field.
- 2. Define epidemiology. Write the concepts, aims and principles of epidemiology.
- 3. Define communicable diseases. Explain any two communicable diseases in our community.
- 4. Define Non-communicable diseases. Explain the detailed about hypertension.

#### **SECTION-B**

 $5 \times 7 = 35$ 

#### II. Answer any FOUR Questions. Each one carries 5 marks

- 1. Define health & determinants of health.
- 2. Define water pollution. Explain the water borne diseases.
- 3. Define mortality and Morbidity.
- 4. Define prevention. Write the levels of prevention.
- 5. Define tuberculosis. Explain in detailed about the signs and symptoms, management of Tuberculosis.
- 6. Define vector borne diseases. Explain about the dengue fever.
- 7. Define stroke. Explain the signs, symptoms and medical management of stroke.
- 8. Define population. Write about the factors affecting the over population.

#### SECTION-C

 $5 \times 2 = 10$ 

#### III. Answer any Five Questions. Each one carries 2 marks

- 1. Define Noise pollution
- 2. Define Health
- 3. Define epidemiology
- 4. Define causative agents of hepatitis-B
- 5. Define diabetes. Write the dietary management of diabetis
- 6. List out the respiratory tract infections
- 7. Define Anemia.
- 8. Define family planning

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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
Unit-1	01	02	02
Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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1st Year Health Care & Nursing Course

### Semester-2 Community Health Nursing- Practical-2

#### Areas.

- Urban
- Rural

#### Skills:-

- Use Techniques of interpersonal relationship
- Identification of health determination of community
- History of taking
- Physical examination
- Collect specimens- Sputum, Malaria smear
- Prefer simple lab tests at center
- · Blood for Hemoglobin

#### Counsel and teach individual, family and community:-

- Nutrition
- Hygiene
- Self health monitoring
- Health life style.

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1st Year Health Care & Nursing Course

#### Semester-2

#### Community Health Nursing-1

#### Practical paper-2

Time: 3 hrs

Total Marks: 100

#### Internal Marks: 25

#### Case Presentation: (At Mogalthur community)

- 1. Kardex
- 2. Nurses Notes
- 3. History Collection
- 4. Physical examination
- 5. Lab investigation
- 6. Nursing Diagnosis
- 7. Nursing Care Plans
- 8. Medication Charts
- 9. Health Education

#### External Marks: 75 (At Mogalthur community)

1.	Case Presentation	- 25
2.	Viva & Records	- 10
3.	Procedures	- 10
4.	Charts	- 10
5.	Behavioural Marks	- 10
6.	Personal Skills	- 10

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#### **B.VOC Health Care & Nursing Course**

Paper-7 Semester-3
Syllabus-Psychology
UNIT-1

#### **INTRODUCTION:**

- > Definition of Psychology & scope of psychology.
- Methods of Psychology.
- Relevance to Nursing.

#### Biology of behavior:-

- Body mind relationship.
- Brain and behavior.
- Psychology of sensations.
- Muscular and glandular controls of behavior and Nature of behavior.

#### **UNIT-2**

#### Cognitive, Motivation and emotional process:-

- Cognitive processes:-
- Attention: Types, determinants.
- Perception: Meaning, principles.
- Learning: Types, Factors influencing.
- Memory: Meaning. Types, factors influencing.
- Thinking: Types and levels.
- Intelligence: Concept, types.
- Aptitude: concept, types.

#### **UNIT-3**

#### Motivation and emotional processes:-

- Motivation: Meaning, concepts, types theories.
- Emotions and stress: definition, theories, emotional adjustments, emotions in health and illness.
- Stress: Stressors, cycle, adaptation and coping.

#### UNIT-4

#### Personality:-

- Definitions, types, theories.
- Psychometric assessments of personality.
- Alterations in personality.
- Applications.

#### **Developmental Psychology:-**

- Psychology of people at different ages from infancy to old age.
- Psychology of vulnerable individuals.
- Psychology of groups.

#### UNIT-5

#### Mental hygiene and mental health:-

- Concepts of mental hygiene and mental health.
- Characteristics of mentally healthy person.
- · Warning signs of poor mental health
- Ego defense mechanisms and implications.
- Role of Nurse.

#### Reference Books:-

- The textbook of Psychology, Author Sreevani
- The text Book of Psychology —Author Neeraja

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**B.VOC Health Care & Nursing Course** 

#### Psychology – Semester-3 Paper-7

Max. Marks: 50

#### SECTION-A

Answer any TWO questions. Each one carries 10 Marks:-

 $2 \times 10 = 20$ 

- 1) Definition of psychology. Write the scope and methods of psychology.
- 2) Define learning. Write the factors and types of learning.
- 3) Define motivation. Write the types, concepts and theories of motivation.
- Define mental health. Write the characteristics of an healthy indiciduals and warning signs of mentally poor person

#### SECTION-B

II. Answer any FOUR questions. Each one carries 5 Marks:-

 $4 \times 5 = 20$ .

- 1) Importance of psychology in nursing.
- 2) Explain the body- mind relationship
- 3) Define perception. Meaning and errors in perception.
- 4) Define intelligence. Write the concepts and types, I.Q. of various persons.
- Define stress. Explain the stress cycle.
- Define emotions. Write the theories of emotions.
- Explain the psychology of vulnerable groups.
- Explain the defense mechanism.

#### SECTION-C

III. Answer any FIVE questions. Each one carries 2 Marks:-

 $5 \times 2 = 10$ 

- Define psychology.
- Define developmental psychology.
- 3) Define factors affecting memory process
- 4) Define aptitude.
- Define stress
- 6) Explain the alterations in personally
- 7) What is mental hygiene.
- What is the meaning of ego.

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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
Unit-1	01	02	02
Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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**B.VOC Health Care & Nursing Course** 

## Paper-8 Semester-3 Syllabus-Sociology UNIT-1

#### Introduction:

- Definition of Sociology.
- Importance and application of sociology.

#### Individual society:-

- Society and community.
- Nature and society.
- Difference between society and community.

#### Culture:-

- Culture and socialization.
- Nature of culture.

#### Population:-

- Society and population.
- · Family welfare Programme.

#### Family and Marriage:-

- Family- Functions.
- · Types of family- joint, Nuclear.
- Marriage—Functions'

#### UNIT-2

#### Types of communities in india (Rural, Urban, Regional):-

- Features of village community and characteristics Indian villages- Panchayat system, Social dynamics.
- Community Development and project planning.
- Changes in india Rural life.
- Urban community- Features
- Major Urban problems- Urban slums.

#### UNIT-3

#### Social change:-

- Nature and process of social change.
- Factors influencing social change cultural change, cultural legs.

#### Social Organization and Social System:-

- Social Organization: Elements, types
- Social system: Definition and types of social system.
- Voluntary associations?

#### UNIT-4

#### Social Control:-

- Nature and process of social control.
- Political, legal, Religious, Educational, Economic, Industrial and Technological systems.
- Norms & Values Folk ways and mores customs, laws and fashion.
- Applications.

#### UNIT-5

#### Social Problems:-

- Social disorganization.
- Control and planning: Poverty, housing.
- Illiteracy.
- Food supplies.
- Rights of women & Children
- HIV/AIDS
- Social welfare Programmes in india.

#### Reference Books:-

The textbook of Sociology, Author K diyala

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#### B.VOC Health Care & Nursing Course

#### Sociology - Semester-3 Paper-8

Max. Marks: 75

#### SECTION-A

I. Answer any TWO questions. Each one carries 10 Marks:-

 $2 \times 15 = 30$ 

- 1) Definition of sociology. Write importance of sociology in nursing.
- 2) Define community. Write community development and project plannings.
- Define social system. Write types of social systems.
- 4) Explain the social welfare programmes in India.

#### SECTION-B

II. Answer any FIVE questions. Each one carries 5 Marks:-

 $5 \times 7 = 35$ .

- Define family and functions of family.
- Difference between society and community.
- Changes in Indian Rural life.
- 8) Major Urban problems in India
- Explain the social organization and write the elements and types of social organization.
- 10) Explain the nature and process of social control
- 11) Explain the rights of women and children.
- 12) Write the social welfare programme in India

#### SECTION-C

III. Answer any FIVE questions. Each one carries 2 Marks:-

 $5 \times 2 = 10$ 

- 13) Define Sociology.
- 14) Define Marriage.
- 15) Explain the major problems of slums.
- 16) Explain the factors influencing the cultural changes.
- 17) Explain the types of social organization.
- 18) Define the norms and values of folk ways.
- 19) What is social change
- 20) What is social problem.

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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
I luit 1	01	02	02
Unit-1 Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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### **B.VOC Health Care & Nursing Course**

# Paper-5 Semester-3 Syllabus-MEDICAL AND SURGICAL NURSING UNIT-1

#### INTRODUCTION:

- Introduction to medical surgical nursing.
- Evolution and trends of medical surgical and nursing.
- Role of nurse, patient and family in care of adult patient.
- Introduction to medical surgical, asepsis, inflammation and infection, immunity, wound healing.

### Common signs and symptoms and management:-

- Fluid and electrolyte imbalance
- Vomiting.
- Dyspnea and cough.
- Fever
- Shock, unconsciousness, syncope.
- Pain
- Edema, incontinence.

#### UNIT-2

- Review of Anatomy and physiology of respiratory system.
- Entiology, pathophysiology, clinical manifestations diagnosis, treatment, medical, surgical and nursing management.
- Upper- respiratory tract infections.
- Bronchitis.
- Asthhma.
- Emphysema.
- Atelectasis.
- COPD(Chronic abstructive pulmonary diseases.
- Pneumonia.
- Pulmonary tuberculosis.
- Lung abscess.
- Pleural infusion.
- Chest injuries.
- Respiratory arrest.
- Pulmonary embolison.

#### UNIT-3 (Urine and faeces)

### Nursing management of patient with blood and cardio vascular problems and digestive problems:-

- Review of anatomy and physiology of blood and cardio vascular system.
- Review of anatomy and physiology of digestive system.
- Entiology, pathophysiology, clinical manifestations, diagnosis, treatment modalities and surgical and nursing management of vascular system, heart, blood and digestive system.

Vascular system:- Hypertension, Hypotension, atherosclerosis, peripheral vascular disorders.

### Heart:-

- Coronary artery diseases: Ischemic heart disease, myocardial infection.
- Valvulary disorders:- Rheumatic heart disease.
- Endocarditis, pericarditis, myocarditis.
- Heart block, congestive cardiac failure:
- Cor-pulmonale.
- Pulmonary edema, cardiac shock.

#### Blood:-

- Thalassemia
- Leukemia's
- Blood transfusion, safety checks, procedure and requirements, management of adverse transfusion reaction.

# Digestive system:-

# Disorders of digestive system:

- Oral Cavity lips, gums, tongue, salivary glands and teeth.
- Hernia, gastritis, peptic ulcer.
- Enteritis, malabsorption.
- Appendicitis.
- Cirrhosis of liver, portal hypertension.
- Inflammation of gall bladder

#### UNIT-4

# Nursing management of patient with disorders of integumentary system, musculoskeletal system:-

# Integumentary system:-

- Review of anatomy and physiology of skin.
- Etiology, pathophsiology, clinical manifestation, diagnosis, treatment and medical, surgical and nursing management of disorders of skin and musculoskeletal system.

# Skin:-

- Dermatitis.
- Arne vulgaris.
- Allergies and eczema.
- Psoriasis.
- Malignant melanoma.
- Alopecia.

# Musculoskeletal system:

- Muscles, lingaments and joints- Inflammation infection, trauma.
- Bones—inflammation, infection, dislocation fracture, tumor and trauma.
- Spinal defects.
- Pagel's disease.

#### UNIT-5

# Nursing manage of patient with disorders of endocrine system and immunological problems:-

- Review of anatomy and physiology of endocrine system.
- Review of immune system.
- Entiology, pathophysiology, clinical manifestations, diagnosis, treatment modalities, and medical, surgical and nursing management of
  - Disorders of thyroid and parathyroid.
  - Diabetes mellitus.
  - Diabetes insipidus.
  - Pituitary disorders.
- Immune deficiency disorder.
- AIDS.
- Infection control program.
- · Rehabilitation.

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#### **B.VOC Health Care & Nursing Course**

# Semester-3 MEDICAL SURGICAL NURSING (Adult including Geriatrics)- Practical-3

#### Areas.

- General medical ward (Respiratory, GI, Endocrine, Hematology).
- General surgical ward(GI, Urinary,CTVS)
- Cardiology ward
- Skin & Communicable diseases ward
- Orthopedic ward.
- Operation theatre.
- General Medical Ward: taking history perform general and specific physical examination.
- Practices medical surgical asepsis- standard safety measures.
- Administer medications: oral, IV, IM Subcutaneous.
- IV cannulation.
- Oxygen therapy.
- Nebulization.
- Chest physiotherapy.
- Naso gastic feeding.
- Throat suctioning.
- Collect specimens for common investigations.
- Maintain elimination: catheterization, Bowel was, Enema, urinary drainage.
- Maintain intake, output documentation.

#### Skills:-

- Pre-operative preparation of patient.
- Post- operative care- receiving patient assessment, monitoring care.
- Care of wounds and drainage.
- Suture removal.
- Ambulation and exercise.
- Nas gastric aspiration.
- Cardiology Ward; Physical Examination of the cardiology patient.
- Monitoring of patients.
- ECG
- Adminter cardiac drugs.

#### Orthopedic ward:

- Assessment of orthopedic patients.
- Physiotherapy- Range of motion(ROM)
- Ambulation
- Teach and counsel patients and families
- Operation Theatre
- Scrubbling, gowning, gloving.
- Identify instruments, suturing materials for common operations

- Disinfection, carbalization, fumigation.
- Preparation of instrument sets for common operations.
- Sterilization of sharps and other instruments.

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**B.VOC Health Care & Nursing Course** 

Semester-3

Medical- Surgical Nursing - Paper-9

Max. Marks: 75

#### SECTION-A

I. Answer any TWO questions. Each one carries 15 Marks:-

 $2 \times 15 = 30$ 

- Write about the medical surgical nursing. Discuss about the modern trends in Medical and Surgical Nursing.
- 2) Define COPD. Write the etiology, patho physiology and nursing management.
- 3) Define hypertension. Write the etiology, patho physiology and nursing management.
- 4) Define diabetes. Write the types, etiology, patho physiology and nursing management.

#### SECTION-B

II. Answer any FIVE questions. Each one carries 5 Marks:-

 $5 \times 7 = 35$ .

- 5) Define shock and its management.
- 6) Define the role of nurse in medical and surgical wards.
- Write about the bronchitis and its management.
- 8) Explain the pulmonary embolism.
- 9) Write about the Rheumatic heart disease and its management.
- 10) Define pulmonary edema.
- 11) Write about the skin diseases and management.
- 12) Explain tin detail about the AIDs and its management.

#### SECTION-C

III. Answer any FIVE questions. Each one carries 2 Marks:-

 $5 \times 2 = 10$ 

- 13) Define asepsis and role of nurse in infection control..
- 14) Define dyspnoea.
- 15) What is asthma.
- 16) Write the nursing management with psoricesis..
- 17) What is acne vulgaris.
- 18) Define diabetes mellitus.
- 19) What is Rehabilitation.
- 20) What is the meaning of Alopesia.

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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
I luit 1	01	02	02
Unit-1 Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5	-	01	02

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#### **B.VOC Health Care & Nursing Course**

Paper-10 Semester-3

#### Syllabus- COMMUNITY HEALTH NURSING THEORY-2

#### UNIT-1

#### INTRODUCTION TO MANAGEMENT IN NURSING:

- > Definition, concept & scope of community health nursing.
- Pre and post independence.
- Health planning and policies and problems.
  - Natural health planning in India.
  - Central council for health and family welfare (CCH & FW).
  - Health problems in India.
  - National population policy.

#### UNIT-2

#### Delivery of community health services:-

- Planning, budgeting and material management of SC's, PHC and CHC.
- Rural: Organization, staffing and functions of rural health services provided by government at:
- Village.
- Sub centre.
- PHC.
- CHC.
- Hospitals.
- District.
- State.
- Centre.

#### **<u>Urban:-</u>** Organization, staffing and functions of urban health services.

- Slums.
- Dispensaries.
- Maternal and child health centre.
- Special clinics.
- Hospitals.
- Corporation/municipality/board.

#### Components of health services:-

- Environmental sanitation.
- Health education.
- Vital statistics.
- Vital statistics.
- Family welfare.
- National health programmes.

#### UNIT-3

#### Home Visit:-

- Concept, principles of home visit.
- Bag technique home visit.
- · Qualities of community health nurse.

#### Assisting individuals and groups to promote and maintain their health:-

#### A) Assessment of self and family:

- Monitoring growth and development.
- Milestone.
- Weight measurement
- Social development.
- Temperature and blood pressure monitoring.
- Menstrual cycle.
- Breast self examination.

#### B) Seek health services for:

- Routine checkup.
- Immunization.
- · Counseling, diagnosis, treatment.
- Follow-up.

#### UNIT-4

#### National health and family welfare programmes and role of nurse:-

- National ARI programme.
- RNTCP.
- National anti-malaria programme.
- · National filarial programme.
- National leprosy eradication programme.
- National AIDS control programme.
- National programme for control of blindness.
- Iodine deficiency disorder programme.
- Immunization programme.
- National family welfare programme.
- National water supply sanitation programme.
- 20 points programme.
- ICDS; ESI.
- Mid-day meal programme.

### Health Agencies:-

International:- WHO, UNFPA, UNDP, World Bank, UNICEF, DANDIA, ILO, USAID, INESCO, Colombo Plan, CARE.

### National:-

- Indian Red Cross.
- Indian Council of Child Welfare.
- Family PLANNING ASSOCIATION OF INDIA.
- Hindu Kusht Nivaran Sangh.



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#### **B.VOC Health Care & Nursing Course**

Paper-10 Semester-3
Syllabus-community health Nursing -2

Time: 3 hrs.

Max Marks:75

 $2 \times 15 = 30$ 

#### SECTION-A

Answer any two questions. Each one carries 15 Marks.

- 1. Define Community Health Nursing. Write importance the concepts and scope of community Health Nursing.
- 2. Define PHC. Write the planning, budgeting and material management of PHC.
- Define home visiting. Write the concepts, principles and uses of home visiting.
- 4. Write about Anti-malarial programme.

#### SECTION-B

 $5 \times 7 = 35$ 

# II. Answer any FOUR Questions. Each one carries 5 marks

- 1. Health problems in India.
- 2. Write about Five- year plans.
- 3. Explain the sub centres.
- Explain the organization, staffing and functions of district hospitals.
- 5. Explain the bag technique.
- 6. Explain the breast- self examination.
- 7. Elaborate the Immunization programme.
- 8. Define the Mid-day meal programme.

# III. Answer any Five Questions. Each one carries 2 marks

- 1. Definition of Community health Nursing.
- 2. Define health planning.
- 3. Write about staffing pattern of CHC.
- 4. Functions of rural health services.
- 5. Qualities of community health nurse.
- 6. Elaborate the RNTCP.
- 7. Define Indian Red Cross.
- 8. Describe the Hindu Kusht Nivaran Sangh.

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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
I luit 1	01	02	02
Unit-1 Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5	-	01	02

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1st Year Health Care & Nursing Course

#### Semester-3

#### Community Health Nursing-2

#### Practical paper-4

Time: 3 hrs

Total Marks:100

Internal Marks: 25

Case Presentation: (At L.B. Cherla Community)

- 1. Kardex
- 2. Nurses Notes
- 3. History Collection
- 4. Physical examination
- 5. Lab investigation
- 6. Nursing Diagnosis
- 7. Nursing Care Plans
- 8. Medication Charts
- 9. Health Education

#### External Marks: 75 (At L.B. Cherla Community)

1.	Case Presentation	- 25
2.	Viva & Records	- 10
3.	Procedures	- 10
4.	Charts	- 10
5.	Behavioral Marks	- 10
6.	Personal Skills	- 10

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#### **B.VOC Health Care & Nursing Course**

#### Semester-4

# Syllabus-MEDICAL SURGICAL NURSING- 2 (THEORY)-paper-2 UNIT-1

#### **NURSING MANAGEMENT OF PATIENT WITH DISORDERS OF EAR NOSE AND THROAT:**

- Review of Anatomy and physiology of the Ear Nose ad Throat.
- Eniology, Pathophysiology, clinical manifestations, diagnosis, treatment and medical surgical and Nursing management.
- External Ear- Otalgia
- Middle Ear- Impacted wave, mastoiditis.
- Inner Ear- labrinthitis
- > Upper airway infections- common cold sinusitis
- Speech defects and speech therapy

#### UNIT-2

#### Nursing management of patient with disorders of Eye:-

- Review of Anatomy and physiology of the eye.
- Nursing assessment- History and physical assessment.
- Entiology, pathopphysiology, clinical manifestations, diagnosis, treatment and medical & surgical management of eye disorders:-
  - Refractive errors
  - Eyelids infections
  - Conjunctiva inflammation and infection, bleeding.
  - Cornea inflammation & infection
  - Glaucoma
  - Lens cataracts
  - Blindness
- National Blindness control programme.

#### **UNIT-3**

#### Nursing Management of patient with Neurological disorders:-

- Review of Anatomy and physiology of the Neurological system.
- · Congential malformation.
- Headache.
- Head injuries.
- Spinal injuries.
  - Paraplegia
  - Hemiplegia
  - Quadriplegia
- Infections

- Meningitis
- Encephalitis
- Brain abscess
- Movement disorders
  - Epilepsies
- Cerebro vascular accidents
- Degenarative diseases
  - Delirium
  - Dementia
  - Alzheimer's disease
- Management of unconscious patient with stroke

#### UNIT-4

### NURSING MANAGEMENT OF PATIENTS WITH DISORDERS OF FEMALE REPRODUCTIVE SYSTEM?:-

- Review of Anatomy and Physiology of the female reproductive system.
- Breast self examination.
- Menstrual disorders: Dysmenorrhea, Amenorrhea, pre menstrual syndrome
- Abnormal uterine bleeding: menorrhagia
- Pelvic inflammatory disease
- Contraception—types, methods, risk and effectiveness.
- Spacing methods
- Sterilization
- Emergency contraception
- MTP Act

#### UNIT-5

#### NURSING MANAGEMENT OF PATIENTS WITH BURNS AND EMERGENCY DISASTER MANAGEMENT?

- Review of Anatomy and physiology of the skin and connective his tissue
- Nursing Assessment-History and physical assessment electrolyte loss.
- Etiology, classifications, pathophysiology clinical manifestations, diagnosis, treatment medical, surgical and Nursing Management.
- Emergency Disaster:
- Disaster Nursing Concept and principles of disaster nursing.
- Causes and types of disaster: Natural and man mad.
  - Earthquakes, floods, Epidemics, cyclones, Fir, accidents.
- Emergency
  - Respiratory emergency
  - Cardiac emergency
  - Obstetrical emergency

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# **Dermatology, Ear Nose and Eye:**

 Drugs used in the treatment of eye diseases: eye ointments sub conjunctival injections, drugs of glaucoma and miotics, Anestetics miscellaneous agents & the nose (brief)

#### Reference Books:-

- The textbook of pharmacology Author Murgesh
- The textbook of principles of Pharmacology published by Frontline, prescribed Author shobhana mathur.

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**B.VOC Health Care & Nursing Course** 

Semester-4

Medical- Surgical Nursing-2 - Paper-11

Max. Marks: 75

#### SECTION-A

I. Answer any TWO questions. Each one carries 15 Marks:-

 $2 \times 15 = 30$ 

- 1) Write about anatomy & physiology of eye? Explain the etiology, patho physiology and treatment of eye disorders
- 2) Define Otalgia? Write etiology, Pathophysiology, clinical manifestations of otalgia with nursing management?
- Write review anatomy & physiology of Nervous system write the etiology, pathophysiology clinical manifestations of Neural tube defects.
- 4) Write about the menstrual disorders and its management.

## SECTION-B

II. Answer any FIVE questions. Each one carries 5 Marks:-

 $5 \times 7 = 35$ .

- 5) Describe the upper airway infections?
- 6) Write about the labyrinthitis?
- 7) Explain the refracture errors.
- 8) Explain the glaucoma and its management?
- 9) Explain the Head injuries and its management?
- 10) Describe the MTP Act?
- 11) Describe the meningitis?
- 12) Describe the cardiac emergencies.

#### SECTION-C

III. Answer any FIVE questions. Each one carries 2 Marks:-

 $5 \times 2 = 10$ 

- 13) What is Sinusitis.
- 14) List out the types of speech defects.
- 15) List out the corneal infections.
- 16) Explain the eyelid infections
- 17) Explain the paraplegia, and Hemiplegia.
- 18) Nursing management for encephalitis.
- 19) Explain the Terminal methods of contra captions.
- 20) Explain the Earthquakes.

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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
I luit 1	01	02	02
Unit-1 Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5	-	01	02

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#### **B.VOC Health Care & Nursing Course**

#### Semester-4

#### Medical Surgical Nursing-2

#### Practical paper-3

Time: 3 hrs

Total Marks:100

Internal Marks: 25

Case Presentation: (At surgical Wards)

- 1. Kardex
- 2. Nurses Notes
- 3. History Collection
- 4. Physical examination
- 5. Lab investigation
- 6. Nursing Diagnosis
- 7. Nursing Care Plans
- 8. Medication Charts
- 9. Health Education

#### External Marks: 75 (At Surgical Wards)

1.	Case Presentation	- 25
2.	Viva & Records	- 10
3.	Procedures	- 10
4.	Charts	- 10
5.	Behavioural Marks	- 10
6.	Personal Skills	- 10

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#### **B.VOC Health Care & Nursing Course**

#### Semester-4

# Syllabus- MENTAL HEALTH NURSING- 2 (THEORY)- paper-2

#### UNIT-1

#### Introduction:

- · Definition of mental health nursing
- · Prevalence and incidence of mental health problems and disorders
- Mental Health Act
- National Mental Health policy
- National Mental Health programme
- Mental health team
- Nature and scope of mental health nursing
- · Concepts of normal and abnormal behavior
- · Classification of mental disorders: ICD and groups: stress, crisis and disaster

#### UNIT-2

#### Assessment of Mental Health Status:-

- History taking
- Mental status examination.
- Mini mental status examination
- Neurological examination review
- Investigations: related blood chemistry, ECG & MRI
- Psychological tests
- Role and responsibilities of nurse

#### Therapeutic Communication and Nurse-pattern Relationships:-

- Therapeutic communication: types, techniques, characteristics
- Types of relationship
- Review of technique of IPR-johari Window

#### UNIT-3

#### Treatment Modalities and Therapies used in Mental Disorders:-

- Psycho Pharmacology
- Alternative systems of medicine
- Occupational therapy
- Physical therapy: electro convulsive therapy
- Geriatric considerations
- Role of nurse in above therapies

### Nursing Management of Patient with Schizophrenia, and other Psychotic Disorders:

- · Treatment modalities and nursing management of patients with schizophrenia, and other psychotic disorders
- Follow-up and home care and rehabilitation

#### **UNIT-4**

#### **Nursing Management of Patients with Mood Disorders:**

- . Mood disorders: Bipolar affective disorder, Mania depression and dysthymia etc
- Etiology, psyco- pathology, Clinical manifestations, diagnosis
- Treatment modalities and nursing management of patients with mood disorders
- Anxiety disorder, phobia, obsessive compulsive disorder.
- Nursing assessment-history, physical and mental assessment
- Follow-up and home care and rehabilitation
- Geriatric considerations
- Follow-up and home care and rehabilitation.

#### UNIT-5

#### Nursing Management of Childhood and Adolescent Disorder Including Mental Deficiency:

- Classification
- Etiology, psycho-pathology, characteristics, diagnosis
- Nursing Assessment- history, physical and mental and IQ assessment
- Treatment modalities and nursing management of childhood and adolescent disorders including mental deficiency:
- Follow-up and home care and rehabilitation

#### **Nursing Management of Organic Brain Disorders:**

Classification: ICF?

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#### Semester-4

#### Mental Health Nursing - Paper-12

Max. Marks: 75

#### SECTION-A

I. Answer any TWO questions. Each one carries 15 Marks:-

 $2 \times 15 = 30$ 

- 1) Explain the mental status examination.
- 2) Define Mental health nursing and write about mental health team
- 3) What is psycho pharmacology? Write about the Electro convulsive therapy.
- 4) Explain the mood disorders? Write the etiology, clinical manifestation of mood disorders?

#### SECTION-B

II. Answer any FIVE questions. Each one carries 5 Marks:-

 $5 \times 7 = 35$ .

- 5) Nature and scope of mental health nursing.
- 6) Mental health Act.
- Mini mental status examination.
- Role of nurse in psychiatric ward.
- Treatment modalities in patient with schizo phrenia.
- 10) Occupational therapy.
- Obsessive compulsive disorders.
- 12) Nursing management in Organic Brain disorders.

#### SECTION-C

III. Answer any FIVE questions. Each one carries 2 Marks:-

 $5 \times 2 = 10$ 

- 13) Define mental health nursing.
- 14) Define crisis.
- 15) Explain Neurological Examination.
- 16) Explain briefly about ECT.
- 17) Clinical manifestations of sehizophrenia.
- 18) Write the types of phobias.
- 19) What is IQ.
- 20) What is mental retardation.

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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
I luit 1	01	02	02
Unit-1 Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5	-	01	02

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#### **B.VOC Health Care & Nursing Course**

#### Semester-4

#### Mental Health Nursing-(Paper-2) Practical-6

#### Areas.

- Psychiatric OPD,
- Child Guidance clinic,
- Inpatient ward, community psychiatry.

#### Skills to be Developed:

- History taking
- Perform mental status examination
- Assist In psychometric assessment.
- Perform Neurological examination.
- Teach patients and family members.

#### Child Guidance Clinic:

- History taking
- Perform Neurological examination.
- Observe and assist in various therapies.
- Teach family and significant others.

#### Inpatient ward:

- History taking
- Perform mental status examination.
- Perform Neurological examination.
- Administer medications.
- Assist in Electroconvulsive therapy (ECT).
- Conduct admission and discharge counseling.

#### Assignments:

- History taking
- Health education-1
- Observation report of OPD, field visits

#### Skills:-

- Pre-operative preparation of patient.
- Post- operative care- receiving patient assessment, monitoring care.
- Care of wounds and drainage.
- Suture removal.
- Ambulation and exercise.
- Nas gastric aspiration.
- Cardiology Ward; Physical Examination of the cardiology patient.
- Monitoring of patients.
- ECG
- Adminter cardiac drugs.

#### Orthopedic ward:

Assessment of orthopedic patients.

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**B.VOC Health Care & Nursing Course** 

#### Semester-4

## Syllabus- PHARMACOLOGY --paper-13

#### UNIT-1

#### General Pharmacology:-

- Sources of drugs
- Routes of drug administration
- · Pharmacokinetics: Absorption, Distribution, metabolism, Interaction & Excretion
- Pharmaco dynamics

#### Chemotherapy:- (Dose, Administration, Pharmalogical effects, Toxicity, role of Nurse)

- Pencilin's and cenphalosporin's.
- Sulfonamides and CO- Trimaxazole
- Antitubercular drugs
- Broad spectrum Antibiotics
- Chemotherapy of cancer
- Chemotherapy of Urinary tract infections.
- Chemotherapy of leprosy
- Antifungal and Antiviral agents
- Drugs for protozoal infections
- Anti malarial
- Anti helminthic drugs
- Antiseptics & Disinfectants

#### UNIT-2

#### **Drugs of GIT and Respiratory system**

#### GIT(Gastro Intestinal Tract):-

- Drugs used in peptic ulcer
- Emetics & Antiemetics
- Drugs in constipation(purgatives)
- Drugs used in the treatment of Diarrhea

#### Respiratory System:-

- Drugs for Bronchial Asthma
- Anti Tussives

#### UNIT-3

#### Drugs of central Nervous System and Cardio Vascular System:-

#### Central Nervous System:-

- General Anesthetics
- Local Anesthetics
- Analgesics and antipyretics
- Anti epileptic drugs
- Non-Steroidal Anti inflammatory drugs
- Hypnotics & Sedatives: Opiod & nonopiod
- Anti Psychotics
- Anti depressant

#### Cardiovascular System:

- Diuretics
- Drugs for congestive heart failure
- Drugs for hypertension
- Blood: Oral Anticogulants

#### UNIT-4

#### Vaccine & Sera Vitamins & Mineral:

- Vaccine and Sera
- Vitamins , Minerals; Vitamin A,B Complex, Vitamin D, Vitamin K, Vitamin 'C'
- Minerals: Iron, Zinc

#### **Drugs for Harmonal disorders:**

- Hormonal contraption, ovulations inducers, oxytocin, tocolytics.
- Insulin, Oral hypoglyumic drugs
- Anti thyroid drugs
- Drugs effecting calcium balance
- Prostaglandlins

#### UNIT-5

#### Toxicology:

- Treatment of poisoning(Toxicology)
- Drugs of organophpharous poisoning
- Heavy metal intoxication(chelating agents)

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Semester-3

Pharmacology- Paper-13

Max. Marks: 75

#### SECTION-A

I. Answer any TWO questions. Each one carries 15 Marks:-

 $2 \times 15 = 30$ 

- 1) Define Pharmacokinetics? List out the drugs for tuberculosis.
- 2) Write the drugs for Bronchial Asthma? Explain the does, administration, metabolism and excretions of bronchial Ashma drugs?
- 3) Listout the Non Steroidal Anti-Inflam matory drugs?
- 4) Describe the drugs for poisoning?

#### SECTION-B

II. Answer any FIVE questions. Each one carries 5 Marks:-

 $5 \times 7 = 35$ .

- Explain the sources of drugs.
- 6) Describe the routes of administration.
- Explain Antimalarial drugs.
- 8) Define pencilin and cephalo sporines
- 9) Explain Drugs used peptic ulcers.
- 10) Explain about the Analgesics and Antipyretics.
- Describe the prostaglandis.
- 12) Explain the Heavy metal intoxication.

#### SECTION-C

III. Answer any FIVE questions. Each one carries 2 Marks:-

 $5 \times 2 = 10$ 

- 13) Define Pharmacology.
- 14) Explain pharmacology namics.
- 15) List out any broad spectrum Antibiotics.
- 16) What is emetics and anti emetics.
- 17) What is Jussives.
- Define psychotics.
- 19) What is Vaccines and serce.
- 20) List out ant two anti thyroidal drugs.

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Unit-3	01	02	01
Unit-4	01	01	01
Unit-5	-	01	02

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**B.VOC Health Care & Nursing Course** 

#### Semester-5

# Syllabus-Midwifery and Obstetrical Nursing –(paper-1)

#### 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, Role of nurse in midwifery and obstetrical care, National policy and legislation in relation to maternal health and welfare, maternal, morbidity, mortality.

#### **UNIT-2**

#### Review of Anatomy and Physiology of Female Reproductive System and Foetal Development:-

- Female pelvis- general description of the bones, joints, ligaments, diameters of the true pelvis, important landmarks
- Female organs of reproduction- external genitalia, internal genital orans and their anatomical relations, musculature- blood supply, nerves.
- Physiology of menstrual cycle
- Foetal development, conception
- Review of fertilization, the foetal sac, amniotic fluid, the umbilical cord
- Foetal circulation, foetal skull, bones.

#### UNIT-3

#### Assessment and Management of Pregnancy(Antenatal):

- Normal pregnancy
- Physiological changes during pregnancy
- · Diagnosis of pregnancy: sings, differential diagnosis
- · Antenatal care: history and physical examination, antenatal examination.
- Screening and assessment for high risk
- Modalities of diagnosi; invasive & non-invasive, ultrasonics, cardio tomography, NST,CST
- Antenatal preparation: antenatal preparation: antenatal diet, education for child

# Assessment and Management of Intra-natal Period:

- Physiology of labour, mechanism of labour
- Management of labour: First stage:

signs and symptoms of onset of labour; preparation of labour room: assessment and observation of women in labour, partogram – maternal and foetal monitoring, active management of labour, induction of labour.

#### Second stage:

Signs and symptoms; normal and abnormal, duration, conduct of delivery.

- Principles and techniques, episiotomy (only if required), receiving the new born care of umbilical cord, immediate assessment including screening for congenital anomalies, identification, bonding, initiate feeding
- Third stage:

Signs and symptoms; method of placental expulsion.

Management: Placental expulsion, principles and techniques, examination of the placenta, examination of the perineum

- Maintaining record and reports
- Fourth stage

#### UNIT-5

# Assessment and Management of Women During Post Natal Period

- Normal puerperium; physiology duration
- Postnatal assessment and management: promoting physical and emotional well-being, lactation management, immunization
- Family welfare services: methods, counseling
- Follow-up
- Records and reports



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B.VOC Health Care & Nursing Course- Semester-5

# Mdwifery and Obstetrical Nursing-1 Paper-14

Max. Marks: 75

#### SECTION-A

Answer any TWO questions. Each one carries 15 Marks:-

 $2 \times 15 = 30$ 

- List out the modern trends in midwifery and Obstetrical nursing.
- 2) Explain in detailed about the female reproductive system.
- 3) Explain the screening and assessments for high risk pregnancies.
- 4) Write the definition of labour. Explain in detailed about the stages of labour and its management.

#### SECTION-B

II. Answer any FIVE questions. Each one carries 7 Marks:-

 $5 \times 7 = 35$ .

- 5) Write the role of nurse in midwifery.
- 6) Write about the national policies and legislations related to maternal health and welfare.
- 7) Explain the female pelvis with labeled diagram.
- 8) Define fetal circulation. Explain in detailed about the fetal circulation
- 9) Write a the short notes on antenatal care
- 10) Explain the normal physiological changes in pregnancy.
- 11) Explain the management of third stage.
- 12) Write the assessment and management post nalas mother.

#### SECTION-C

III. Answer any FIVE questions. Each one carries 2 Marks:-

 $5 \times 2 = 10$ 

- 13) Define midwifery.
- 14) Define mortality and morbidity.
- 15) List the bones in female pelvis.
- 16) Define fertilization
- 17) Define NST and GST.
- 18) Define Antenatal period.
- 19) What are the stages of labour.
- 20) Define puerperium.

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Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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#### **B.VOC Health Care & Nursing Course**

#### Semester-3

#### (Paper-1)- MIDWIFERY AND OBSTETRICAL NURSING-1--Practical-7

#### Areas.

- Antenatal Clinic/OPD.
- Labour room O.T
- Post natal ward
- Newborn nursery
- Family planning clinic

#### Objectives:

- Counsel and teach mother family for parenthood.
- Provide nursing care to newborn at risk.
- Counsel for and provide family welfare services
- Assessment of Pregnant women
- Assess women in labour
- Carry out per-vaginal examinations.
- Conduct normal deliveries.
- Perform episiotomy and suture it.
- Resuscitate newborns.
- Assist with Caesarean saections, MTP and other surgical procedures.

#### Skills to be developed

#### Antenatal Clinics/OPD:-

- Antenatal history taking.
- Physical examination.
- Recording of weight & B.P.
- Hb and Urine testing for sugar and albumin.
- Antenatal examination- abdomen and breast.
- Immunization.
- Assessment of risk status.
- Teaching antenatal.

#### Labour ROOM OT:

- Assessment of woman labour.
- Pervaginal examinations and interpretation.
- Monitoring and caring of woman in labour
- Maintenance of partograph
- Conduct normal delivery
- Newborn assessment and immediate care.
- Resuscitation of newborns
- Assessment of risk status of newborn
- Episiotomy and suturing
- · Maintenance of labour and birth records
- Arrange for and assist with caesarean section and care for woman & baby during Caesarean
- Arrange for and and assist with MTP and other surgical procedures

#### Postnatal Ward:

- · Examination and assessment of mother and baby.
- Perineal care
- Lactation management
- Breast feeding.
- Baby bath
- Immunization
- Teaching postnatal mother: mother craft, post natal care & immunization

#### **Family Planning Clinic**

- Counseling technique
- Insertion of IUD
- Teaching on use family planning methods
- · Arrange for an assist with family planning operations

#### Assignments:

- Conduct antenatal Examination-10
- Case book recording
- Conduct normal deliveries-5
- Pervaginal examinations-2
- Perform and suture the episiotomies-3
- Resuscitate newborns-3
- Assist with Caesarean sections-2
- Witness abnormal deliveries -2
- Assist with MTP and other Surgical procedures-1
- Give care to post natal mother-10
- Health talks/ case study/ case presentations/Observation study-1
- IUD insertion-3
- Counseling-2

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1st Year Health Care & Nursing Course

#### Semester-5

# M idwifery and Obstetrical Nursing-1

Practical paper-7

Time: 3 hrs

Total Marks: 100

Internal Marks: 25

Case Presentation: (At Aswini Maternity Hospital)

- Kardex
- 2. Nurses Notes
- 3. History Collection
- 4. Physical examination
- 5. Lab investigation
- 6. Nursing Diagnosis
- 7. Nursing Care Plans
- 8. Medication Charts
- 9. Health Education

# External Marks: 75 (At Aswini Maternity Hospital)

1.	Case Presentation	- 25
2.	Viva & Records	- 10
3.	Procedures	- 10
4.	Charts	- 10
5.	Behavioural Marks	- 10
6.	Personal Skills	- 10

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#### Semester-5

## Syllabus-

# Child Health Nursing –(paper-2)

#### UNIT-1

#### Introduction:-

- Modern concepts of child care
- Internationally accepted rights of the child
- National programmes related to child health and welfare
- Agencies related to welfare services to the children
- Child morbidity and mortality rates
- Differences between an adult and child
- · The role of a child health nurse in caring for hospitalized child

#### UNIT-2

#### The Healthy Child:-

- Principles of growth and development
- Factors affecting growth and development
- Growth and development from birth to adolescence
- Nutritional needs of children & infants: breast feeding, exclusive breast feeding supplementary/ artificial feeding and weaning
- Baby friendly hospital concept
- Accidents: causes and prevention

#### UNIT-3

#### Nursing care neonate

- Nursing care of Normal newborn/essential newborn care
- Neonatal resuscitation
- Nursing management of a low birth weight baby
- Kangaroo mother care
- Nursing management of common neonatal disorders
- Organization of neonatal unit
- Identification & nursing management of common congenital malformations

# Integrated Management Neonatal and childhood Illness(IMNCI):

# **Nursing Management in Common Childhood Diseases:**

- Nutritional deficiency disorders and infections
- Respiratory disorders and infections
- Gastrointestinal infections, infestations and congenital disorders
- Cardio vascular problems: Congenital defects and rheumatic fever, rheumatic heart disease
- Genito-urinary disorders
- Neurological infections and disorders: convulsions, expilepsy, meningitis, hydrocephalus, spina-bifida

#### UNIT-5

# Management of Behavioral & Social Problems in children:

- Management of common behavioral disorders
- Management of common psychiatric problems
- Management of challenged children: Mentally, Physically & Socially challenged
- Welfare services for challenged children in India
- Child guidance clinics

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# Child health Nursing – Semester-5 Paper-15

Max. Marks: 75

### SECTION-A

I. Answer any TWO questions. Each one carries 10 Marks:-

 $2 \times 15 = 30$ 

- 1) Write the role of child health nurse in caring for hospitalized child.
- 2) Define growth. Factors affecting growth and development.
- 3) Define Kangaroo mother care. Write nursing management of a low birth weight baby.
- Write the congenital malformations. Explain the nursing management of child with cardiovascular problems.

### SECTION-B

II. Answer any FIVE questions. Each one carries 7 Marks:-

 $5 \times 7 = 35$ .

- 1) Write about the national programmes related to child health and welfare.
- 2) List out the modern trends in pediatrics.
- Explain the growth and development from birth to adolescence.
- 4) Explain baby friendly hospital.
- Write about the Neonatal resuscitation.
- 6) Explain in detailed about the organization of Neonatal unit.
- 7) List out the Neurological defects. And its management.
- 8) Discuss about the welfare services for challenged children in india.

### SECTION-C

III. Answer any FIVE questions. Each one carries 2 Marks:-

 $5 \times 2 = 10$ 

- Write the international accepted rights of the child.
- Define Morbidity and Mortality rates.
- Define Hydrocephalus.
- Write about feeding and weaning.
- Write the purposes and types of A.V.aids.
- Write the graphic aids.
- 7) IEC.
- 8) Write about planning for health education.

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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
Unit-1	01	02	02
Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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### **B.VOC Health Care & Nursing Course**

#### Semester-5

### (Paper-1)- Child Health Nursing NURSING-1--Practical-8

#### Areas.

- Pediatric surgery Ward.
- Pediatric OPD/Immunization room.
- Pediatric medicine and Surgery ICU

#### Skills:

- Taking pediatric history.
- Physical examination and assessment of children.
- Administer Oral, I/M & IV medicine/fluids.
- Calculation of fluid requirements.
- Prepare different strengths of I.V. fluids.
- Apply restraints.
- Administer Oxygen inhalation by different methods.
- Give baby bath.

### **Pediatric Surgery Ward:**

- Calculate, prepare and administer I/V fluids.
- Feeding: naso-gastric, gastrostomy, jejunostomy
- Care of surgical wounds: Dressing, suture removal.
- Assessment of children: Health assessment, developmental assessment, anthropometric assessment
- Immunization
- Health, nutritional education
- Pediatric OPD/Immunization Room:

### Assessment of children: Health assessment, development, Anthropometric assessment

- Immunization
- Health/Nutritional education

### Pediatric medicine and Surgery ICU:

- · Care of a baby in incubator/warmer
- Care of a child on ventilator
- Endotracheal suction
- Chest physiotherapy.
- Administer fluids with infusion pump
- phototherapy
- Monitoring of babies.
- Cardio pulmonary report

### **Family Planning Clinic**

- · Give care to three assigned pediatric surgical patients
- Nursing care plan I

- Case study/presentation/health talk/developmental study-1
- Observation report.

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### 1st Year Health Care & Nursing Course

# Semester-5 Child Health Nursing

Practical paper-8

Time: 3 hrs

Internal Marks: 25

Case Presentation: (At Aswini Maternity Hospital)

- 1. Kardex
- 2. Nurses Notes
- 3. History Collection
- 4. Physical examination
- 5. Lab investigation
- 6. Nursing Diagnosis
- 7. Nursing Care Plans
- 8. Medication Charts
- 9. Health Education

# External Marks: 75 (At Aswini Maternity Hospital)

1.	Case Presentation	- 25
2.	Viva & Records	- 10
3.	Procedures	- 10
4.	Charts	- 10
5.	Behavioural Marks	- 10
6.	Personal Skills	- 10

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# Semester-6 Syllabus Communication & Education Technology –(paper-3)

### UNIT-1

### Review of communication Process:-

- Process: Elements and channel
- Barriers and methods of overcoming
- Applications of evidenced-based Nursing practice on barriers and methods of communication(Group assignments)

### Interpersonal Relationships:

- Purpose & Types
- Johari Window.

### **Human Relations**

- Understanding self
- Social behavior, motivation, social attitudes.
- Human relations in context of nursing
- Group dynamics
- Incorporation of evidence- based nursing education in understanding human relation(Small group assignment)

### UNIT-2

# **Guidance and Counseling:**

- Definition
- Purpose, Scope and need
- Counseling process
- Managing disciplinary problems
- Development and apply evidence based practice in guidance and counseling(Group Interaction)

### UNIT-3

# Principles of Education & Teaching learning Process:-

- Education: Meanig, Philosophy, aims, Functions & Principles.
- Characteristics of learning
- Lesson planning
- Classroom management
- Demonstrate evidence- based nursing in teaching learning process(Group assignment)

### **UNIT-4**

### Method of Teaching:

- Lecture, demonstration, group discussion seminar, symposium, panel discussion Roleplay, project, field trip, workshop, exhibition.
- Clinical Teaching methods: Case method, Nursing rounds & Report, bedside clinic, conference.
- Demonstration of all methods of teaching and role play.
- Educational Media:
  - Purposes & types of A.v.aids
  - O Graphic aids: Chalk board, chart, graph, poster, flash cards
  - O Printed aids: pamphlets & leaflets
  - Projected aids: slides, over head projectors, films, TV, VCR/VCD, camera
  - Computer
- Application of evidence- based Nursing practice in use of A.V.aids (Group presentation)

### UNIT-5

### Information, Education & Communication for health (IEC):

- Health behavior & Education
- · Planning for health education
- · Health education with individuals, groups, communities.
- Using mass media
- Identify, demonstration and practice of evidence-based Nursing education in IEC (Group assignment)

### Reference Books:

Author; Sharma. The textbook of Communication and Education Technology.

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B.VOC Health Care & Nursing Course- Semester-6

# Communication & Education Technology Paper-16

Max. Marks: 75

## SECTION-A

Answer any TWO questions. Each one carries 10 Marks:-

 $2 \times 15 = 30$ 

- Define communication process and write the methods of communication.
- Define guidance and counseling and explain counseling process.
- Explain in detailed about the teaching learning process.
- 4) Write about nursing rounds and report, bed side clinic and role of nurse in nursing rounds.

## **SECTION-B**

II. Answer any FOUR questions. Each one carries 5 Marks:-

 $5 \times 7 = 35$ .

- 1) Write about barriers and methods of overcoming.
- Johari window.
- Write about counseling process.
- 4) Write the management of crisis.
- Write about role play.
- Define the characteristics of learning.
- 7) Write the purpose and types of A.V.aids.
- 8) Write about mass media.

# SECTION-C

III. Answer any FIVE questions. Each one carries 2 Marks:-

 $5 \times 2 = 10$ 

- Write about interpersonal relationship.
- Define group dynamics.
- Define crisis.
- 4) Write the principles of education.
- 5) Write the purposes and types of A.V.aids.
- 6) Write the graphic aids.
- 7) IEC.
- Write about planning for health education.

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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
Unit-1	01	02	02
Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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**B.VOC Health Care & Nursing Course** 

# Semester-6 Syllabus MIDWIFERY AND OBSTERICAL NURSING-2 –(paper-1)

### UNIT-1

### High –Risk Pregnancy- Assessment & Management:-

- Screening and Assessment: NST, CST, non-invasive & invasive, never modalities of diagnosis
- High risk approach
- · Levels of care: Primary, secondary & teritiary levels
- Disorders of Pregnancy:
  - Hyper- emesis gravidarum.
  - Bleeding in early pregnancy
  - Abortion, ectopic pregnancy.
  - o Ante-partum hemorrhage.
- Multiple pregnancy
- Abnormalities of placenta & cord
- Intra- uterine growth retardation
- Nursing management of mother with high- risk pregnancy
- Maintenance of reports and.

### UNIT-2

### **Abnormal Labour- Assessment and Management:**

- Disorder in labour:
  - CPD and contracted pelvis,
  - Malpositions and malpresentations,
  - Prematre labour,
- Obstetrical emergencies and their management:
  - Presentation and prolapsed of cord
  - Vasa praevia
  - Shoulder dystocia
- Obstetrical procedures and operations:
  - Induction of labour forceps, vaccum versions,
  - o Manual removal of placenta, caesarean section,

### **UNIT-3**

### **Abnormalities During Postnatal Periods:**

- Assessment and management of woman with postnatal complications:
  - o Puerperial infections
  - Breast engorgement & infections
  - o UTI

- Post partum hemorrhage,
- Edclampsia and subinvolution,

### Psycological complications:

- Post partum blues
- Post partum depression
- Post partum psychosis

### UNIT-4

### Pharmacotherapeutics in Obstetrics:

- Indication, dosage, action, contra indication and side effects of drugs
- · Effect of drugs on pregnancy, labor & peurperium
- Nursing responsibilities in the administration of drug in obstetrics- oxytocins

Anti hypertensive, diuretics, tocolytic agents, anti-convulsions

Analgesics and anesthetics in obstetrics

### **UNIT-5**

### Family Welfare Programme:

- Population trends and problems in india
- · Concepts, aims, importance and history of family welfare proggramme
- National family welfare proggramme:RHS, ICDS,MCH safe motherhood
- Methods of contraception: Spacing, temporary and permanent, emergency contraception
- 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, LHVs, Anganwadi workers, TBA(Traditional birth attendant)

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**B.VOC Health Care & Nursing Course- Semester-6** 

# Mdwifery and Obstetrical Nursing-2 Paper-17

Max. Marks: 75

### SECTION-A

Answer any TWO questions. Each one carries 15 Marks:-

 $2 \times 15 = 30$ 

- 1) Define Ante-partum hemorrhage and role of nurse in care of Ante-partum hemorrhagic patient.
- Define abnormal labor and write about management of premature labour.
- Define Oxytocins and nursing responsibilities in the administration of drugs in obstetrics.
- Write in detail about management post partum hemorrhage.

# SECTION-B

II. Answer any FIVE questions. Each one carries 7 Marks:-

 $5 \times 7 = 35$ .

- 1) Write about hyper-emesis gravidarum.
- List out the high-risk pregnancies and nursing management of mother with high risk pregnancy.
- Write in detail about shoulder dystocia.
- Write about manual removal of placenta.
- Write about peuperial infections.
- Define eclampsia and write about nursing management of eclampsia .
- Write about effects of drugs on pregnancy
- 8) Write about national family welfare programme.

# SECTION-C

III. Answer any FIVE questions. Each one carries 2 Marks:-

 $5 \times 2 = 10$ 

- Define multiple prgnancy.
- Define ectopic pregnancy.
- Define puerperium.
- 4) List out the disorders in labour.
- Define vasa praevia.
- 6) List out the psychological complications in postnatal period.
- 7) RCH.
- 8) ICDS...

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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
Unit-1	01	02	02
Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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**B.VOC Health Care & Nursing Course** 

#### Semester-6

# (Paper-1)- MIDWIFERY AND OBSTETRICAL NURSING-2--Practical-9

### Areas.

- Labour ward with raataing 02
- Neonatal intensive care unit/NICU 01
- Antenatal 02

### Skills to be developed

Integrated Practice.

### Assignments:

- Completion of other essential requirement
- Case book recording

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1st Year Health Care & Nursing Course

### Semester-3

### Midwifery and Obstetrical Nursing-1

### Practical paper-7

Time: 3 hrs

Total Marks:100

Internal Marks: 25

Case Presentation: (At Aswini Maternity Hospital)

- 1. Kardex
- 2. Nurses Notes
- 3. History Collection
- 4. Physical examination
- 5. Lab investigation
- 6. Nursing Diagnosis
- 7. Nursing Care Plans
- 8. Medication Charts
- 9. Health Education

### External Marks: 75 (At Aswini Maternity Hospital)

1.	Case Presentation	- 25
2.	Viva & Records	- 10
3.	Procedures	- 10
4.	Charts	- 10
5.	Behavioural Marks	- 10
6.	Personal Skills	- 10

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**B.VOC Health Care & Nursing Course** 

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B. VOC Health Care & Nursing Course-Semester-6 (Syllabus)

### (paper-2)-NURSING RESEARCH AND STATISTICS

### UNIT-1

### Research and Research process:-

- Introduction and need for nursing research
- Definition of Research and nursing research
- Characteristics of good research
- Steps of Research process- overview

### Research Problem/Question:

- Identification of problem area
- Problem statement
- Criteria of a good research problem

#### UNIT-2

### Review of Literature:

- Location, sources, Online search, CINHAL, COCHRANE etc.
- Purposes, Method of Review

### Research approaches and Designs:

Historical, survey and experimental- Qualitative and Quantitative designs.

### <u>UNIT-3</u>

### Sampling and Data Collection:-

- Definition of Population, Sample, Sampling criteria, factors influencing sampling process, types of sampling techniques.
- Data- why, what, from whom, when and where
- Data collection methods and instruments: Methods of data, Questioning, Observations, Validity & Reliability.
- Data collection procedure.

#### Analysis of Data:

Compilation, Tabulation, summarization, interpretation of data.

### UNIT-4

- Introduction, use of statistics, scales of measurement.
- Frequency distribution and graphical presentation of data.
- Mean, Median, Mode, Standard deviation.
- Normal Probability and
- tests of significance
- Co-efficient of correlation

### UNIT-5

### Communication and Utilization of Research:

- Communication of research findings: Verbal report, writing research report, critical review of published research
- Utilization of research findings

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B.VOC Health Care & Nursing Course- Semester-6

# Nursing Research and Statistics Paper-18

Max. Marks: 75

### SECTION-A

I. Answer any TWO questions. Each one carries 15 Marks:-

 $2 \times 15 = 30$ 

- Define Research and write about steps of research process.
- 2) Define research design and explain research approaches.
- 3) Define Sampling and write about procedure of data collection.
- 4) Write in detail about uses of statistics.

### SECTION-B

II. Answer any FIVE questions. Each one carries 7 Marks:-

 $5 \times 7 = 35$ 

- 1) Criteria of a good research problem.
- 2) Write the characteristics of good research.
- 3) Write about CINHAL.
- 4) Write about quantitative and qualitative designs.
- Define sampling process and write about sampling techniques.
- List out the methods of data collections.
- Write about co-efficient of correlation.
- Write about research report.

### SECTION-C

III. Answer any FIVE questions. Each one carries 2 Marks:-

 $5 \times 2 = 10$ 

- Define research and nursing research.
- 2) Define problem statement.
- Define review of literature.
- 4) List out the research approaches.
- 5) What are the types of sampling techniques.
- Define population.
- Define standard deviation.
- Write utilization of research findings.





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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
Unit-1	01	02	02
Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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**B.VOC Health Care & Nursing Course** 

# Semester-6 (paper-2)-Management of Nursing Services

### UNIT-1

### Introduction to Management in Nursing:-

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

### **UNIT-2**

### **Management Process:**

- Planning, mission, philosophy, objectives, operational plan.
- Staffing: Philosophy, study, norms, classification systems.
- Human resource management: recruiting, selecting, development.
- Budgeting: Concept, principles, types, cost
- Material management: equipment and supplies

### **UNIT-3**

# Management of Nursing Services in the Hospital and Community:-

- Planning- Hospital and patient care units including ward management
- Emergency and disaster management
- Controlling/Evaluation:-Nursing rounds/visits, Nursing protocols, Manuals
- Quality assurance Model, documentation- CD Records and reports performance appraisal

### UNIT-4

### Organizational Behavior and Human Relations:

- Leadership styles
- Review of Motivation: concept and theories
- Group of dynamics
- Techniques of communication, interpersonal relationships and human relations
- Relations with professional associations and employee unions and collective bargaining

### In-service Education:

- Nature and scope of in-service education program
- Organization of in-service education
- Principles of adult learning

### **UNIT-5**

### **Management of Nursing Educational Institutions:**

- · Establishment of nursing educational institution- INC norms and guidelines
- Coordination with- Regulatory bodies, Accreditation, Affliation, Organization, Structure, Admission, Guidance and Counseling
- · Maintaining Discipline: Faculty and staff a selection, Recruitment, Job description, Placement,
- Budgeting
- Equipment and supplies; audio visual equipments, laboratory equipment, books, journals etc.,
- Curriculum; Planning, implementation and evaluation.

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B.VOC Health Care & Nursing Course- Semester-6

# Management of Nursing Paper-19

Max Marks: 50

### SECTION-A

I. Answer any TWO questions. Each one carries 10 Marks:-

 $2 \times 10 = 20$ 

- Define management. Write the importance of management in nursing.
- 2) Define Budgeting.
- 3) Write the management of nursing services in the hospitals.
- 4) Describe the management of nursing educational institutions.

### SECTION-B

II. Answer any FOUR questions. Each one carries 5 Marks:-

 $4 \times 5 = 20$ 

- Define management and their concepts and theories of management.
- 2) Write the functions of management.
- 3) Describe the material management.
- 4) Explain the human resource management.
- Describe the hospital and patient care units management.
- Explain the emergency and disaster management.
- Define leadership styles.
- Describe the Admission, Guidance process.

### SECTION-C

III. Answer any FIVE questions. Each one carries 2 Marks:-

 $5 \times 2 = 10$ 

- Define management.
- 2) Define any two principles in management.
- Describe the types of budgeting in management.
- Define philosophy in management process.
- 5) What is quality assurance model.
- Define documentation
- Define group dynamics.
- Define principles of adult learning.





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Unit & Name	Essay Questioons 15 marks	Short Questions 07 marks	Very Short Questions 02 marks
Unit-1	01	02	02
Unit-2	01	02	02
Unit-3	01	02	01
Unit-4	01	01	01
Unit-5		01	02

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