INDICATIVE SYLLABUS AND SCHEME OF EXAM

POST NO. 16.7- STAFF NURSE

Ref: Notification No. IITH/2024/NF/16 dated 19.10.2024

Scheme of examination:

(i) Written Examination
  ➢ Format: Multiple Choice Questions (MCQs)
  ➢ Total Marks: 100 marks (1 mark per question), No Negative Marking
  ➢ Duration: 90 minutes
  ➢ Pass Mark: 50% (50 marks out of 100)
  ➢ Requirement: Candidates must score at least 50% in the written examination to qualify for the **Skill Test cum Interaction**.

(ii)   Skill Test cum Interaction
  ➢ Components:
      ○ Skill Test: 10 stations, each worth 5 marks (Total: 50 marks).
      ○ Personal Interaction: Worth 50 marks.
      ○ Total: 100 marks.
  ➢ Nature: This stage is purely qualifying. The scores from this test will not contribute to the final selection.

(iii)   Final Selection

The final selection is based entirely on the performance in the Written Examination, provided the candidate has qualified in the Skill Test cum Interaction

Syllabus for written examination

1. Anatomy/Physiology

  (a) Introduction to Anatomical terms, organization of the human body
  (b) Skeletal system
  (c) Muscular system
  (d) Nervous system
  (e) Sensory system
  (f) Circulatory/Lymphatic system/Immunological
  (g) Respiratory system
  (h) Digestive system
  (i) Excretory system

(j) Endocrine system
(k) Reproductive system

2. Nutrition

(a) Carbohydrates
(b) Fats
(c) Proteins
(d) Energy
(e) Vitamins/Minerals
(f) Water /Electrolyte
(g) Cookery rules/Preservation/adulteration/Food standards
(h) National nutrition programmes

3. Biochemistry

(a) Structure and Functions of cell membrane
(b) Composition/Metabolism of Carbohydrates/Proteins/Lipids/Vitamins
(c) Immunochemistry

4. Nursing Foundation

(a) Nursing as a profession
(b) Hospital admission and discharge
(c) Communication/Nurse-patient relationship
(d) Documentation/Reporting
(e) Vital signs
(f) Health assessment
(g) Health equipment/linen maintenance/Inventory
(h) Meeting needs of patients like basic/psychological/perioperative/physiological
(i) Infection control
(j) Administration of medications/oxygen
(k) Care of terminally ill patient
(l) CPR

5. Mental health nursing

a. Assessment of mental health status
b. Treatment modalities and therapies used in mental disorders
c. Nursing management of schizophrenia and other psychotic disorders
d. Nursing management of mood disorders
e. Nursing management of Neurotic stress-related/substance abuse
f. Psychiatric emergencies

6. Microbiology

a. General characteristics of microbes/Pathogenic organisms
b. Infection control

    c.   Biomedical waste management
    d.   Immunity

6. Communication/Technology/Computer/Hospital management system/ERP

7. Pharmacology

    a.   Chemotherapy
    b.   Commonly used antiseptic/Disinfectant/insecticide
    c.   Drugs acting on GI /Respiratory/Urinary/Nervous/Cardiovascular Skin systems
    d.   Hormones/Supplement
    e.   Contraceptive/MTP

8. Pathology

a. Assessment of blood/urine/bone marrow/body fluids/faeces

9. Surgical Nursing

    a.   Surgical asepsis/Perioperative nursing/Drug administration team
    b.   Fluid Electrolyte imbalance
    c.   Nursing management of patients with disorder of Respiratory/Digestive/CVS/Genito urinary/Reproductive /Endocrine/Musculoskeletal/Immunological/Communicable diseases

10. Child health nursing

    a.   Healthy child (growth and development, nutritional needs of children and infants i.e breast feeding, complementary feeding, immunization and cold chain, well baby clinic).
    b.   Neonatal care (Essential newborn care, Neonatal resuscitation, Kangaroo mother care, Identification & nursing management of common neonatal problems).
    c.   Integrated care and management of Neonatal and childhood disease.
    d.   Management of behavioral and Social problems in children.

11. Midwifery and obstetrical nursing

    a.   Female reproductive system/Fetal development
    b.   Antenatal assessment
    c.   Intranatal assessment
    d.   Post-natal assessment
    e.   Assessment of normal newborn/High-risk newborn
    f.   High-risk pregnancy assessment and management
    g.   Abnormal labour
    h.   Family welfare programmes

12. Nursing research and statistics

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