INDIAN INSTITUTE OF TECHNOLOGY MADRAS, CHENNAI – 600 036 Advertisement No. IITM/R/4/2021 dated 21.07.2021

RECRUITMENT FOR THE POST OF STAFF NURSE

Syllabus for 2 Levels of selection process

Level-1 Test: Syllabus for Computer-based Multiple Choice (MCQ) Test:

- **1. General Aptitude:** English Language & Grammar, Verbal and Non-Verbal Reasoning, Aptitude, General Knowledge and General Awareness & General Science.
- **2. Nursing Foundation:** Concept of Health, Primary Health Care, Ethics, Community Health Nursing, Health Education and Communication Skills, Basic Anatomy and Physiology.
- **3. Hospital Admission and Discharge:** Admission & Discharge procedure, Care of the Unit After discharge, Administration and Ward Management.

4. Medical and Surgical Nursing:

- Musculo-Skeletal System: Polytrauma and Burns.
- Nervous System: Neurological Assessment, Stroke, Epilepsy and Head Injury.
- Respiratory System: Respiratory Tract Infections/Obstructive Airway Diseases.
- Eye: Foreign Body in Eye/Red Eye/Trauma. Skin: Common Skin Ailments.
- Circulatory System: Hypertension, Hypotension, Acute Chest Syndrome.
- Digestive System: Acute Gastroenteritis/Acute Abdominal Pain.
- Endocrine System: Diabetes, Thyroid Disorders.
- **Obstetric and nursing Midwifery**: Antenatal, Natal and Postnatal Monitoring including Labour Management, Abnormal Uterine Bleeding, Contraception and Pap Smear.
- *Infection control in Clinical Settings*: Infection Control and Hospital-acquired Infection, Environmental Hygiene, Disinfection/Sterilization/Decontamination.
- Communicable Diseases: Bacterial, Viral, Parasitic and Fungal.
- **Paediatric/Neonatology**: Paediatric Nursing, Indicators of Illness and Health in Neonate/Child, Nutrition, Immunization, Anthropometric Assessment.
- Assessment of Mental Health Status: Nursing Management of Patients with Psychiatric Disorders, Mental Status Examination.
- Toxicology: Nursing Management of Poisoning and Bites.
- First Aid: First Aid in Various Medical and Surgical Emergencies.

Results of Level-1 test will be published in the Institute recruitment portal https://recruit.iitm.ac.in

Email intimation will be sent to the short-listed candidates for Level-2 test.

Level-2 test will be scheduled tentatively during third week of August 2023.

Level-2 Test: Syllabus for SKILL TEST

Special Therapies, Nursing Procedures: To assess the skill-based performance of the applicant on the different nursing procedures (List of some common basic procedures is listed below) and instruments (commonly used instruments).

- Routes of Drug administration including Insulin
- Diet Chart
- Patient positioning/Shifting in different clinical Scenarios.
- Blood Sugar checking with Glucometer
- Measurement of Temperature, Pulse, BP, RR, SpO₂
- Oxygen therapy by different methods
- Nebulization
- Chest physiotherapy
- Naso gastric feeding & Ryle's Tube insertion
- Oral/ endotracheal suction /Tracheostomy care
- Bowel wash/Enema
- Bladder wash/Irrigation & Foley's catheterisation
- Packing the nasal cavity/Syringing of External ear/ Steam Inhalation
- Irrigation of Eye, Instillation of eye drops
- ECG (Basic knowledge and how to take it)
- Cardiopulmonary Resuscitation (BLS/ACLS)
- AED (Automated Electronic Defibrillator
- How to apply Crepe Bandage
- Assist in application of plaster cast and removal of cast.
- New-born resuscitation.
- Care of baby in incubator/warmer
- Phototherapy

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