



**THE NEW INDIA ASSURANCE CO LTD.**  
**RECRUITMENT OF 450 ADMINISTRATIVE OFFICERS (GENERALISTS & SPECIALISTS) (SCALE-I)**

**ADDENDUM**

This is further to the detailed advertisement REF NO: CORP.HRM/AO/2023 dated 27.07.2023 for the captioned exercise. With regard to specialized streams, the broad topics/syllabus for objective tests to assess technical & professional knowledge in the relevant disciplines are as follows:

**Risk Engineers**

- 1.Engineering Mechanics
- 2.Basic Civil Engineering
- 3.Engineering Chemistry
- 4.Basics of Electrical and Electronics
- 5.Basics of Mechanical Engineering
- 6.Basics of Energy Generation
7. Engineering Physics

**AO (Health)**

**GENERAL ANATOMY**

1. General Anatomy
2. Upper Limb
3. Lower Limb
4. Thorax
5. Abdomen, Perineum, Pelvis
6. Head & Neck
7. Neuroanatomy
8. Embryology
9. Histology

**GENERAL PHYSIOLOGY**

1. General Physiology
2. Haematology
3. Nerve and Muscle Physiology
4. Gastrointestinal System
5. Cardiovascular System
6. Respiratory system
7. Renal Physiology
8. Endocrine System
9. Reproductive system
10. Neurophysiology

**GENERAL BIOCHEMISTRY**

1. General Biochemistry
2. Molecular biology
3. Chemistry and Metabolism of haemoglobin.
4. Vitamins
5. Metabolism of carbohydrates.
6. Chemistry and metabolism of lipids.
7. Mineral metabolism: Water and electrolyte balance & imbalance.
8. Acid base balance and imbalance.
9. Mechanism of hormone action.

10. Liver function tests, Kidney function tests, Thyroid function tests, Adrenal function tests.
11. Detoxification mechanisms, Role of xenobiotics in disease
12. Biochemical basis of cancer and carcinogenesis, Apoptosis
13. Oxidative stress & Antioxidants in health & diseases.

**GENERAL MICROBIOLOGY & IMMUNOLOGY**

**(A) GENERAL MICROBIOLOGY:**

1. Introduction to Microbiology a) Classification of Microbes b) Introduction to Bacteriology and Bacterial Taxonomy
2. Morphology : a) Microscopy b) Staining methods
3. Growth & Nutrition
4. Sterilization & Disinfection
5. Culture media & methods
6. Identification of bacteria
7. Bacterial genetics + Recombinant DNA technology
8. Pathogenesis of bacterial diseases 9. Antimicrobial agents.

**(B) IMMUNOLOGY :**

1. Immunity
2. Structure & functions of immune system
3. Immune response & tolerance (Cell mediated immunity)
4. Antigens
5. Antibody
6. Ag-Ab reaction
7. Hypersensitivity
8. Complement
9. Auto immunity – tumor & transplant immunity
10. Immunodeficiency
11. Immunodiagnosis
12. Immunoprophylaxis

**FORENSIC MEDICINE**

1. Identification
2. Medicolegal Autopsy
3. Changes in body after death
4. Mechanical Injuries
5. Regional Injuries
6. Burns & Firearm injuries
7. Asphyxial deaths
8. Sexual Jurisprudence
9. Starvation, Torture, Artefacts
10. Forensic Psychiatry

11. Legal Procedures in Medico-Legal cases
12. Medical Jurisprudence
13. Forensic Science Laboratory
14. Forensic Toxicology
15. Recent advances in Forensic Medicine

### **SOCIAL & PREVENTIVE MEDICINE (COMMUNITY MEDICINE)**

- I Social and Community Medicine
- II Concept of Health, Disease and Preventive Medicine
- III Health Administration and Planning
- IV General Epidemiology
- V Demography and Health Statistics
- VI Communicable Diseases
- VII Environmental Health
- VIII Nutrition and Health
- IX Non-communicable diseases
- X Occupational Health
- XI Genetics and Health
- XII International Health
- XIII Medical Sociology and Health Education
- XIV Maternal and Child Health
- XV National Programmes XVI Management of common health problems
- XVII Ability to monitor national health programmes
- XVIII Knowledge of maternal and child wellness
- XIX Ability to recognize, investigate, report, plan and manage community health problems including malnutrition and emergencies.

### **GENERAL MEDICINE**

- (i) Cardiology
- (ii) Respiratory diseases
- (iii) Gastro-intestinal
- (iv) Genito-Urinary
- (v) Neurology
- (vi) Hematology
- (vii) Endocrinology
- (viii) Metabolic disorders
- (ix) Infections/Communicable Diseases a) Virus b) Ricketts c) Bacterial d) Spirochetal e) Protozoan f) Metazoan g) Fungus
- (x) Nutrition/Growth
- (xi) Diseases of the skin (Dermatology)

- (xii) Musculoskeletal System
- (xiii) Psychiatry
- (xiv) General
- (xv) Emergency Medicine
- (xvi) Common Poisoning
- (xvii) Snake bite
- (xviii) Tropical Medicine
- (xix) Critical Care Medicine
- (xx) Emphasis on medical procedures
- (xxi) Patho physiological basis of diseases
- (xxii) Vaccines preventable diseases and Non vaccines preventable diseases
- (xxiii) Vitamin deficiency diseases
- (xxiv) In psychiatry include – Depression, psychosis, anxiety, bipolar diseases and Schizophrenia.

### **OBSTETRICS AND GYNECOLOGY**

#### **(A) OBSTETRICS :**

- i) Ante-natal conditions
- ii) Intra-natal conditions
- iii) Post-natal conditions
- iv) Management of normal labours or complicated labour.

#### **(B)GYNAECOLOGY :**

- i) Questions on applied anatomy
- ii) Questions on applied physiology of menstruation and fertilization, iii) Questions on infections in genital tract
- iv) Questions on neoplasma in the genital tract
- v) Questions on displacement of the uterus
- vi) Normal delivery and safe delivery practices
- vii) High risk pregnancy and management
- viii) Abortions
- ix) Intra Uterine growth retardation

### **PEDIATRICS**

- (i) Common childhood emergencies,
- (ii) Basic new born care,
- (iii) Normal developmental milestones,
- (iv) Accidents and poisonings in children,
- (v) Birth defects and counseling including autism,
- (vi) Immunization in children,
- (vii) Recognizing children with special needs and management, and
- (viii) National programmes related to child health.

**For rest of the Specializations:** Standard graduate level topics/syllabus followed in Indian Universities / Colleges / Institutes for the qualification required for the respective post.

THE SYLLABI ARE INDICATIVE IN NATURE AND NOT EXHAUSTIVE i.e. questions may also be from topics not listed above.

**Note:** All other terms and conditions mentioned in the advertisement REF NO: CORP.HRM/AO/2023 dated 27.07.2023 remain unchanged. Corrigendum, if any, on this advertisement will be issued only in the Recruitment section of Company's website <https://www.newindia.co.in/portal/readMore/Recruitment>.

**Deputy General Manager  
Corp. HRM**