

**POST-GRADUATE DEGREE (M.D.) EXAMINATION – JANUARY 2024**

**Time: 3 Hours**

**Max. Marks: 100**

**GENERAL MEDICINE**

**PAPER – I**

*(Basic sciences, recent advances in medicine, nutrition and clinical pharmacology.  
Emergency and critical care medicine, Geriatric medicine)*

**Q.P. Code: 1241**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

**Question Number**

**Marks**

**LONG ESSAY QUESTIONS:**

**2 X 20 = 40**

1. Discuss etiology, pathogenesis, clinical features, and investigations of Diabetes Mellitus. Write a note on recent advances in the management of Diabetes Mellitus. (4+4+4+4+4)
2. Indications and types of Artificial respiration. Different modes of ventilator and its weaning. (5+5+5+5)

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Types and treatment of Acidosis. (5+5)
4. Physiology and action of Incretin. (5+5)
5. Enteral and Parenteral nutrition in ICU. (5+5)
6. Merits and Demerits of Artificial Intelligence in clinical practice. (5+5)
7. Define; discuss etiology, clinical features investigation and management of Delirium in elderly. (2+2+2+2+2)
8. Advances and disadvantages of fixed drug combinations. (5+5)

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**GENERAL MEDICINE**

**PAPER – II**

*(Cardio-vascular system, gastro intestinal system, Hepatobiliary,  
pancreatic disorders, infectious diseases including tropical medicine)*

**Q.P. Code: 1242**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

<b>Question Number</b>	<b>Marks</b>
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 20 = 40</b>
1. Classification of Acute coronary syndrome its investigations and treatment including newer thrombolytic and interventions.	(5+5+10)
2. Etiopathogenesis, clinical features, investigations and treatment of ulcerative colitis.	(5+5+5+5)
<b>SHORT ESSAY QUESTIONS:</b>	<b>6 X 10 = 60</b>
3. Stages and treatment of Alcoholic liver Disease.	(5+5)
4. Classification and treatment of Dengue fever.	(5+5)
5. Describe etiology, clinical features, investigations, management and complications of Acute pancreatitis.	(2+2+2+2+2)
6. Clinical features and management of Leptospirosis.	(5+5)
7. Indications and complications of Liver transplantation.	(5+5)
8. Causes, complications and management of pericardial effusion.	(5+5)

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**GENERAL MEDICINE**

**PAPER – III**

*(Central nervous system, respiratory system, immune system,  
connective tissue and joint disorders)*

**Q.P. Code: 1243**

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

**Question Number**

**Marks**

**LONG ESSAY QUESTIONS:**

**2 X 20 = 40**

1. Etiology, clinical features, investigations and treatment of pulmonary Hypertension. (5+5+5+5)
2. Etiopathogenesis, clinical features, investigations and treatment of Parkinsm's disease. (5+5+5+5)

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Diagnosis and treatment of Sarcoidosis. (5+5)
4. Clinical features and management of GBS. (5+5)
5. Diagnosis and treatment of sleep Apnea. (5+5)
6. Clinical features and management of MND. (5+5)
7. Diagnosis and treatment of Seronegative Rheumatoid Arthritis. (5+5)
8. Clinical features and management of SLE. (5+5)

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**GENERAL MEDICINE**

**PAPER – IV**

*(Nephrology, endocrinology and metabolism, haematology, oncology,  
dermatology and psychiatry, poisoning, environmental and occupational hazards)*

**Q.P. Code: 1244**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

<b>Question Number</b>	<b>Marks</b>
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 20 = 40</b>
1. Etiopathogenesis, clinical features, investigations, treatment and complications of Nephrotic syndrome.	(4+4+4+4+4)
2. Discuss the role of parathormone in calcium metabolism. Write etiology, clinical features, investigations and treatment of Primary hypoparathyroidism.	(4+4+4+4+4)
<b>SHORT ESSAY QUESTIONS:</b>	<b>6 X 10 = 60</b>
3. Write Clinical features and management of Psoriasis.	(5+5)
4. Types and management of Hemolytic Anemia's.	(5+5)
5. Clinical features and management of Pheochromocytoma.	(5+5)
6. Clinical features and management of AML.	(5+5)
7. Discuss the clinical features and management of Alcohol dependence.	(5+5)
8. Causes and management of Thrombocytopenia.	(5+5)

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