



**All India Institute of Medical Sciences, Kalyani**

**Fourth Professional MBBS Supplementary Examination, March 2024**

**Time: 3 Hrs.**

**GENERAL MEDICINE**

**Marks: 100**

**(Paper-I)**

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**INSTRUCTIONS:**

- Answer all questions.
- Illustrate your answers with well labelled diagram wherever necessary.
- Answer each section in a separate answer book.

**SECTION - A (40 MARKS)**

1. A 65-year-old patient presents to the emergency department with a sudden onset of fever, productive cough, and shortness of breath. On examination, there are signs of consolidation on chest auscultation. Outline the differential diagnosis of pneumonia in an elderly patient, appropriate diagnostic investigations for confirming the diagnosis and management strategies.

**(3+3+4=10)**

**Discuss the management of :-**

**(3×5=15)**

2. Hyperkalemia – ECG features and management
3. Hepatic encephalopathy
4. Peptic Ulcer Disease

**Write short notes on: -**

**(3×5=15)**

5. Irritable bowel syndrome
  6. Universal safety precautions
  7. Approach to 25-year-old with jaundice
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**SECTION - B (40 MARKS)**

1. Write the clinical feature, diagnosis and management of acute pyogenic meningitis. (3+3+4=10)

**Discuss the clinical features of :-**

(3×5=15)

2. Sub-acute bacterial endocarditis
3. Malabsorption syndrome
4. Congestive cardiac failure

**Write short notes on :-**

(3×5=15)

5. Causes of acute kidney injury
6. Adverse effects of Anti tubercular therapy
7. Metabolic syndrome

**SECTION - C (20 MARKS)**

**DERMATOLOGY**

**Write short notes on :-**

(4×5=20)

1. Classify urethritis. Describe clinical features, investigations, and management of acute gonococcal urethritis. (1+1+2+1)
2. Describe clinical features of Lepromatous leprosy. Enumerate available therapeutic agents for treatment of ENL. (3+2)
3. Classify tinea capitis. Describe clinical features and treatment of kerion (1+2+2)
4. Define scale. Describe different types of scales in various skin disorders (2+3)

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