



All India Institute of Medical Sciences, Kalyani

Fourth Professional MBBS Supplementary Examination, May 2025

Time: 3 Hrs.

General Medicine (Paper-II)

Marks: 100

Instructions for Section-B, C & D:

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

SECTION – B (30 MARKS)

Long Answer Questions:

[1×10=10]

1. A 35-year-old man presents with fever, chills, headache, and muscle pain after returning from a forest area in Odisha. On examination, he is febrile with a pulse of 90/min and mild jaundice. His peripheral smear shows schizonts. (5+5)
 - a. Describe the clinical features, diagnostic methods of complicated malaria
 - b. Outline the management of Plasmodium falciparum malaria and its complications.

Short Answer Questions:

[4×5=20]

2. Tumor lysis syndrome
3. Cushing's disease
4. What is antimicrobial-associated diarrhoea? Name the most commonly implicated organism and outline its treatment. (2+1+2)
5. Enumerate the causes of hyperthyroidism. Briefly describe the clinical features and initial management of Graves' disease. (1.5+1.5+2)

SECTION – C (34 MARKS)

Long Answer Questions:

[1×10=10]

1. A 32-year-old man presents with persistent fever, night sweats, weight loss, and cough for 4 weeks. Chest X-ray shows right upper lobe infiltrates with cavitation. Sputum is positive for AFB. (1+2+7)
 - a. What is the most likely diagnosis?
 - b. Describe the diagnostic algorithm.
 - c. Outline the first-line treatment regimen and list major adverse effects of each drug.

Short Answer Questions:

[6×4=24]

2. Scleroderma – clinical features and management
3. Opportunistic infections in HIV
4. Clinical features and management of organophosphorus poisoning.
5. Enumerate the Extra-articular manifestations of rheumatoid arthritis.

6. Management of septic shock
7. Write briefly on vitamin A deficiency and its ocular manifestations

SECTION – D (16 MARKS)
(PSYCHIATRY)

1. Name two atypical antipsychotics? What are the advantages of atypical antipsychotics over the typical antipsychotics? (2+1+1)
2. What are the core symptoms of Panic Disorder? Which medications are used to treat Panic Disorder? (2+2)
3. What are the common symptoms of Alcohol withdrawal? How will you manage a patient with Delirium Tremens? (2+2)
4. What are the risk factors of suicide? How to manage a patient reporting to the emergency department with Suicide attempt? (2+2)
