

# Question Paper

Exam Date & Time: 03-Apr-2025 (10:20 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD PROFESSIONAL YEAR MBBS PART - II DEGREE EXAMINATION - APRIL 2025

SUBJECT :IM 401TH - MEDICINE - PAPER I

(CBME SCHEME)

Marks: 80

Duration: 160 mins.

**Answer all the questions.**

**Long answer questions:**

- 1) A 45-year-old male comes to the emergency department with retrosternal chest pain for 2 hours associated with sweating. His pulse rate was 112/minute, and his blood pressure was 90/80 mm of Hg. He also had bilateral basal crepitations. What is the best possible diagnosis? Add a note on investigations, complications, and treatment. (10)
- 2) Discuss the aetiology, clinical features and management of pyogenic meningitis in adults. (10)

**3. Short answer questions:**

- 3A) A 37-year-old male presents with palpitations to the emergency department. On examination, his pulse rate was 145/minute, irregularly irregular. The varying intensity of the first heart sound was heard on auscultation. What is the best possible diagnosis? List the causes for the same. (4)
- 3B) A 40-year-old male comes to the hospital for evaluation of Paroxysmal nocturnal dyspnea. Diagnosis of idiopathic dilated cardiomyopathy was made. Enumerate the pharmacological treatment options. (4)
- 3C) An elderly male presents with dyspepsia. His urea breath test was positive. What are the treatment options? (4)
- 3D) A 45-year-old female comes to the hospital with abdominal distention for one month. She admitted to her history of chronic alcohol consumption and had a recent history of upper GI bleeding. On examination, she had jaundice, pedal oedema and ascites. A diffuse tenderness over the abdomen was present. What is the best possible diagnosis? Add a note on the investigations that you will do. (4)
- 3E) Briefly describe drug-induced liver injury with an example. (4)
- 3F) A 50-year-old male presents with a history of bloody diarrhoea of 7 months duration. He also has a history of recurrent episcleritis. On examination he has pyoderma gangrenosum. Colonic biopsy reveals crypt abscess and crypt atrophy. AFB stain is negative. Discuss the medical treatment of this disorder. (4)
- 3G) List common causes of Acute kidney injury. (4)
- 3H) List the causes of Hypercalcemia. (4)
- 3I) Discuss the causes and treatment of Anemia in chronic kidney disease. (4)

- 3J) A 60-year-old male, a known case of chronic kidney disease presents with a serum potassium of 7.5 mEq/L. How will you treat him? (4)
- 3K) A 40-year-old farmer is brought to the emergency department with h/o Snake bite on the right leg. On examination, he has low blood pressure, swelling and redness of the right leg and ophthalmoplegia. How will you treat him? (4)
- 3L) A 45-year-old female comes to the hospital 10 hours after consumption of 300 ml of pesticide [organophosphate compound]. She is in an altered sensorium and her blood pressure is low. How will you treat her? (4)
- 3M) Discuss falls in the elderly. (4)
- 3N) A 45-year-old female presents with a history of polyarthritis of 1-year duration. Small joints of hands are involved. Anti-CCP antibody is positive. How will you treat her? (4)
- 3O) Discuss the Kalamazoo Essential Elements Communication Checklist. (4)

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