

2406000104010501
EXAMINATION JANUARY 2025
THIRD MBBS PART-2
GENERAL MEDICINE (PAPER - I) (EFFECTIVE FROM
2023-24) – LEVEL 1

[Time: As Per Schedule]

[Max. Marks: 100]

Instructions:

1. Fill up strictly the following details on your answer book
 - a. Name of the Examination: **THIRD MBBS PART-2**
 - b. Name of the Subject: **GENERAL MEDICINE (PAPER - I)**
(EFFECTIVE FROM 2023-24) – LEVEL 1
 - c. Subject Code No: **2406000104010501**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

SECTION - I

Q.1 Long Essay Type Questions (Clinical Problem Based) (Any 2 out of 3) 20

1. A 34-year-old woman presents with recurrent episodes of fever, night sweats, and joint pain for 6 months. Investigations show pancytopenia, elevated ESR, and positive rheumatoid factor. How will you evaluate and treat this patient?
2. A 55-year-old male presents with sudden-onset chest pain radiating to the left arm, sweating, and nausea. ECG reveals ST elevation in leads II, III, and aVF. Discuss the diagnostic workup and management of this case.
3. A 60-year-old patient presents with complaints of progressive difficulty in swallowing and significant weight loss. How will you approach this case?

Q.2 Short Notes (Any 3 out of 4) 12

1. Causes and management of pleural effusion.
2. Pathophysiology and treatment of acute pancreatitis.
3. Management of hypertension in diabetic patients.

4. Role of anticoagulants in stroke prevention.

18

Q.3 Answer in Very Brief (Any 9)

1. Name two cardiac enzymes elevated in myocardial infarction.
2. Define ketoacidosis and list its causes.
3. Enumerate two risk factors for coronary artery disease.
4. Define osteoporosis and list two common causes.
5. Write the normal reference range for serum sodium.
6. List two causes of secondary hypertension.
7. Mention two symptoms of peptic ulcer disease.
8. Define congestive heart failure.
9. Mention the diagnostic criteria for nephrotic syndrome.
10. List two common complications of diabetes mellitus.

SECTION -II

Q.4 Long Essay Type Questions (Clinical Problem Based) (Any 2 out of 3)

20

1. A 35-year-old female presents with fatigue, pallor, and glossitis. Blood investigations reveal low hemoglobin and MCV with increased TIBC. Discuss the diagnosis, investigation, and treatment.
2. A 45-year-old man with a history of alcohol abuse presents with vomiting blood and altered mental status. Investigations reveal oesophageal varices. How will you evaluate and manage this patient?
3. A 50-year-old female presents with polyuria, polydipsia, and unexplained weight loss. Random blood glucose is 320 mg/dL. How will you approach this patient?

Q.5 Short Notes (Any 3 out of 4)

12

1. Outline the diagnosis and treatment of bronchial asthma.
2. Complications and management of infective endocarditis.
3. Diagnostic approach and treatment of hypothyroidism.
4. Diagnosis and treatment of Haemophilia.

Q.6 Reasoning Type Questions/Short Notes/Applied Aspects (Any 9 out of 10) 18

1. Role of serum creatinine in assessing kidney function.
2. Enumerate four causes of non-cardiogenic pulmonary oedema.
3. Mention two clinical signs of vitamin B12 deficiency.
4. Define hyperkalaemia and mention its ECG changes.
5. Name two clinical features of nephrotic syndrome.
6. Describe key symptoms of Cushing's syndrome.
7. List four drugs used in the treatment of tuberculosis.
8. Mention the role of calcium channel blockers in hypertension.
9. Define arrhythmia and list two common types.
10. Outline the clinical approach to a patient with haematuria.

2406000104010502
EXAMINATION JANUARY 2025
THIRD MBBS PART-2
GENERAL MEDICINE (PAPER - II)
(EFFECTIVE FROM 2023-24) – LEVEL 1

[Time: As Per Schedule]

[Max. Marks: 100]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination: **THIRD MBBS PART-2**
- b. Name of the Subject: **GENERAL MEDICINE (PAPER - II)**
(EFFECTIVE FROM 2023-24) – LEVEL 1
- c. Subject Code No : **2406000104010502**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Section 1

Q.1 Long essay type questions. (Any 2 out of 3)

20

- a) A 25-year-old gentleman presents to Emergency department with history of headache of about 2 weeks' duration, which increased in severity on the day of presentation (pain scale 8/10), accompanied by with effortless vomiting. He also complained of blurring of vision and double vision on the day of presentation. He gave history of low-grade fever with evening rise for a month with occasional hemoptysis. Examination revealed pulse 60/min, BP 160/80 mm Hg, RR 20/min, normal temperature. Patient was oriented to time, place, and person; his power was normal in all four limbs, but he assumed a curled-up position in bed with eyes closed. He had bilateral lateral rectus palsy. Identify two red flags provided in the history in this patient having headache. Mention one important general examination finding and two neurological findings described here which can help in arriving at clinical diagnosis in the given case. Mention an important investigation required to establish the diagnosis. What is the likely etiology? Mention CSF picture and complications of.
- b) Describe etiology, clinical features, and treatment of Parkinson's disease.
- c) Describe etiology, clinical features, and complications of alcoholic liver disease.

Q.2 Answer in brief (Any 3 out of 4)

12

1. Clinical features of acute pancreatitis.
2. Aetiology and diagnosis of acute renal failure
3. Describe differential diagnosis of acute flaccid paralysis. Mention treatment of Acute inflammatory demyelinating polyneuropathy
4. Differences between thrombotic, haemorrhagic, and embolic stroke.

Q.3 Reasoning type questions/short notes/applied aspects.

18

1. Basic life support.
2. Metabolic acidosis.
3. Clinical signs of upper UTI.
4. Mention two hepatotoxic drugs.
5. Mention two nephrotoxic drugs.
6. Prevention of Hepatitis B infection.
7. Define SAAG ratio. Mention its significance.
8. Enumerate two causes of thickened nerves.
9. Enumerate two extra-intestinal manifestations of ulcerative colitis.

Section 2

Q.4 (A) Long essay type question.

10

1. Diagnosis and treatment of depression.

(B) Write short notes (Any 1 out of 2)

04

1. End of life care.
2. Importance of prayer and faith in healing.

(C) Objective type of questions/Applied aspects (Any 3 out of 4)

03

1. Define dementia.
2. Mention two drugs used in treatment of depression.
3. Define type A personality.
4. Define delirium tremens.

Q.5 (A) Long essay type question.

10

1. Approach to a patient of fever with rash.

(B) Write short notes (Any 1 out of 2)

04

1. Treatment of psoriasis.
2. Treatment of scabies.

{C) Objective type of questions/Applied aspects: (Any 3 out of 4)

03

1. Mention two predisposing factors of herpes zoster.
3. Define SJ syndrome.
4. Drug therapy of oral candidiasis.
5. Mention two skin changes of Diabetes mellitus.

Q.6 (A) Long essay type question.

10

1. Describe etiopathology, diagnosis and treatment of pulmonary tuberculosis.

(B) Write short notes (Any 1 out of 2)

04

1. Clinical features of bronchiectasis.
2. Clinical features of emphysematous chest.

C) Objective type of questions/Applied aspects (Any 2 out of 3)

02

1. Mention four causes of haemoptysis.
2. Mention drug therapy of H1N1 infection.
3. Mention four causes of occupational lung diseases
