



RAN-2406000104110501

Third MBBS Part - 2 (New) Examination March - 2026

General Medicine Paper - I New Course (Set -A)

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book.

Seat No.:

Student's Signature

SECTION - I

- Q. 1. Long Essay type Questions (Clinical Problem Based) (Any 2 out of 3) 20**
1. A 58-year-old man presents with progressive breathlessness for 4 months. Recently he has difficulty breathing while lying flat, bilateral leg swelling and decreased urine output. He has elevated JVP, Bilateral pitting pedal edema. Apex beat displaced to 6th intercostal space, anterior axillary line, S3 gallop present, Bilateral basal crepitations, Tender hepatomegaly. What is the most likely diagnosis and how will you evaluate and treat this patient.
 2. A 42-year-old woman presents with pain and swelling of multiple joints for 8 months. She has symmetrical involvement of MCP and PIP joints improving with activity. Rheumatoid nodules are present. Bilateral symmetrical swelling of MCP and PIP joints present, Tenderness over wrist joints and nodules present. What is the most likely diagnosis? Discuss investigations and management of this patient.
 3. A 35-year-old woman presents with chronic cough and copious sputum production for the past 5 years, large amounts of thick, yellowish sputum, foul-smelling and occasionally streaked with blood especially in the morning, has frequent sinus infections since adolescence. Grade II clubbing present, Bilateral coarse crackles over lower lung fields. What is the most likely diagnosis? Discuss the diagnostic workup and management for this patient.
- Q. 2. Short Notes (Any 3 out of 4) 12**
1. Clinical features, investigations, and treatment of community-acquired pneumonia.
 2. Disease associated with massive splenomegaly
 3. Approach to a patient with lymphadenopathy
 4. Risk factors for thrombosis (Virchow's Triad)
- Q. 3. Answer in Very Brief (Any 9) 18**
1. Name two drugs causing Urticaria.
 2. Causes of Atrial Fibrillation.
 3. Enumerate Major John's Criteria for Rheumatic fever.
 4. Write New York heart association functional classification (NWHF) of Heart Failure.
 5. Enumerate determinants of Stroke Volume.
 6. Mention causes of Dilated Cardiomyopathy.

7. Write two indications of Lung Transplantation.
8. Mention four adverse effects of Hypercapnia.
9. Why is pulse pressure wide in aortic regurgitation?
10. List two causes of Raynaud's phenomenon.

SECTION-II

- Q. 4. Long Essay Type Questions (Clinical Problem Based) (Any 2 out of 3) 20**
1. A 19-year-old male presents with progressive weakness and shortness of breath on exertion for 6 months has recurrent episodes of jaundice and dark-colored urine since childhood. Similar illness present in his elder sibling. Frontal bossing, Splenomegaly present, anemia present with Raised HbF, hyperbilirubinemia, "hair-on-end" appearance present in X-ray skull. How will you evaluate and treat this patient.
 2. A 28-year-old farmer is brought to the emergency department with acute onset of vomiting, excessive salivation, sweating, pinpoint pupils, muscle fasciculations, and respiratory distress after spraying pesticides in his field—what is the most likely poisoning, its mechanism of toxicity, and the immediate management?
 3. A 35-year-old male working as sewage maintenance worker presents with high-grade fever for 7 days, with chills and rigors, severe headache, myalgia, and vomiting. Yellowish discoloration of the eyes for 2 days, dark-colored urine, and reduced urine output. Investigations reveal Hyperbilirubinemia and raised Serum creatinine. Discuss the diagnostic work up and management of this case.
- Q. 5. Short Notes (Any 3 out of 4) 12**
1. Mention classification and management of hemolytic anemia.
 2. Clinical disorders associated with ARDS.
 3. Causes and treatment of thyrotoxicosis.
 4. Describe investigations, clinical features and management of Carbon monoxide poisoning.
- Q. 6. Reasoning Type Questions/short Notes/Applied Aspects (Any 9 out of 10) 18**
1. Write four causes of microcytic anemia.
 2. Mention diseases associated with massive splenomegaly.
 3. Indications of liver biopsy.
 4. Mention two cyclic antidepressants.
 5. Write names of microbes causing community acquired pneumonia.
 6. Define hypokalemia, mention its ECG changes.
 7. Write four clinical features of pheochromocytoma.
 8. Mention causes of Traveler's diarrhea.
 9. Mention two neurotoxic features of cobra bite,
 10. Name two complications of COVID-19.