

**2306000104010101**  
**Examination January – February - 2024**  
**THIRD MBBS PART-2**  
**GENERAL MEDICINE ( PAPER - I ) - LEVEL 1**

[Time: Three Hours]

[Max. Marks: 100]

**Instructions:**

1. Fill up strictly the following details on your answer book
  - a. Name of the Examination: **M.B.B.S (Third Year)**
  - b. Name of the Subject : **General Medicine (Paper-I)**
  - c. Subject Code No : **2306000104010101**
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 (MARKS:50)**

**Q.1 LONG ESSAY TYPE QUESTIONS (Clinical problem based) (Any 2 out of 3): 10 marks each, total 20 marks** **20**

1. A 56 years diabetic female patient has presented in emergency room with severe retrosternal discomfort, perspiration, breathlessness and uneasiness since last night. ECG shows T wave inversion in lead V1 to V6. Cardiac enzymes are normal. Echocardiography suggests focal anterior wall hypokinesia and 40% LVEF. She has tachycardia, tachypnoea and hypotension. Discuss complete diagnosis, further investigations needed, complications and treatment for presenting illness.
2. Describe clinical features, investigations, complications and treatment of community acquired pneumonia. Compare in brief about pathogens causing community acquired pneumonia and hospital acquired pneumonia.
3. Discuss etiology, clinical approach and management of severe aortic stenosis.

**Q.2 SHORT NOTES (Any 3 out of 4): 4 marks each, total 12 marks**

**12**

1. Approach to patients with chronic joint disorders.
2. Complications in patients of SLE.

3. Describe secondary cause of pulmonary hypertension.
4. Clinical evaluation of acute pulmonary embolism.

**Q.3 REASONING TYPE QUESTIONS/SHORT NOTES/APPLIED ASPECTS (Any 9 out of 10): 2 marks each, total 18 marks** **18**

1. Discuss laboratory parameters in Rheumatoid arthritis.
2. Discuss any 4 causes of pericardial effusion.
3. Describe water hammer pulse.
4. Discuss any 2 causes of LVH in ECG.
5. Describe any 4 drugs used in chronic heart failure with preserved LVEF.
6. Describe auscultatory findings in COPD.
7. Discuss important causes of dry cough.
8. Explain any 2 adverse effects of Salbutamol inhalation therapy.
9. Describe classical presentation of anaphylaxis.
10. Why patients of heart failures frequently complaint of right hypochondriac pain?

**Section –II (MARKS:50)**

**Q.4 LONG ESSAY TYPE QUESTIONS (Clinical problem based) (Any 2 out of 3): 10 marks each, total 20 marks** **20**

1. Describe in detail about clinical features, investigations, treatment and prognosis of a patient admitted with aluminum phosphide poisoning.
2. Describe etiology, clinical presentations, investigations and treatment of iron deficiency anemia.
3. Discuss clinical features, complications and management of dengue shock syndrome.

**Q.5 SHORT NOTES (Any 3 out of 4): 4 marks each, total 12 marks** **12**

1. Clinical presentation of hyperthyroidism.
2. Aplastic anemia.
3. Microvascular complications of diabetes.
4. Compare pharmacotherapy for type 1 and type 2 diabetes mellitus.

**Q.6 REASONING TYPE QUESTIONS/SHORT NOTES/APPLIED ASPECTS (9 out of 10): 2 marks each, total 18 marks** **18**

1. Discuss any 4 common causes of DIC.
2. Discuss pulmonary and renal complications of malaria.

3. Describe common screening investigations advised in newly detected HIV patients.
4. What is tetany?
5. Discuss indications of fresh frozen plasma (FFP).
6. Describe side effect profiles of antithyroid drugs.
7. Describe any 2 preferred drugs for treatment of enteric fever.
8. Describe any 4 infectious causes of thrombocytopenia.
9. Discuss any 4 opportunistic infections in HIV.
10. Why patients of CKD are advised vaccination for Hepatitis B prevention?

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