

MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – II DEGREE EXAMINATION – APRIL 2025
SUBJECT: MEDICINE: PAPER - I (ESSAY)

(OLD REGULATION)

Thursday, April 03, 2025

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

- ✍ All questions are compulsory.
- ✍ Use line diagrams and flow charts where appropriate.
- ✍ Answer to the point neatly & legibly.
- ✍ Write question or brief title above to each answer.

✍ **Long Questions:**

1. A 34-year old HIV positive male presents with 10 days history of fever, dry cough dyspnoea and loss of appetite. On examination he has oral thrush with a pulse rate of 110 beats per minute and blood pressure 100/60 mmHg. His oxygen saturation on room air is 88%. Systemic examination is unremarkable. His recent CD4 count is 120 cells/ μ L.
 - 1A. What is your likely diagnosis?
 - 1B. Discuss clinical features
 - 1C. Discuss relevant investigations to arrive at diagnosis
 - 1D. Discuss the treatment plan for this case.

(1+2+3+4 = 10 marks)

2. Define heart failure. Discuss common causes, pathophysiology, investigation and treatment of heart failure.

(2+2+2+2+2 = 10 marks)

3. **Write Short notes on the following:**

- 3A. Modified Duke criteria for infective endocarditis
- 3B. List causes of SIADH
- 3C. Discuss clinical features of viper bite
- 3D. Discuss clinical features and management of renal artery stenosis
- 3E. Clinical features and management of life-threatening bronchial asthma
- 3F. CB-NAAT
- 3G. Discuss investigations and treatment of acute pulmonary thromboembolism
- 3H. Renal osteodystrophy
- 3I. Discuss clinical features and management of bullous pemphigoid
- 3J. Discuss clinical features and management of acute mountain sickness
- 3K. Mention causes of normal anion gap metabolic acidosis
- 3L. Diagnosis and management of visceral leishmaniasis
- 3M. Carbon monoxide poisoning
- 3N. Mention factors predisposing to hospital-acquired pneumonia
- 3O. Sick sinus syndrome

(4 marks \times 15 = 60 marks)

