

2010 Scheme

Q.P. Code: 206001

Reg. No.:

Second Professional MBBS Degree Supplementary Examinations March 2025

Microbiology - Paper II

Time: 2 Hours

Total Marks: 40

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (10)

1. A 40 year old male presented with complaints of unexplained fever, loss of weight, persistent diarrhoea and generalized lymphadenopathy for past six months. He gave a history of exposure with multiple sex partners
 - a) What is the most probable diagnosis
 - b) Describe the modes of transmission of this disease
 - c) Describe the laboratory diagnosis in detail
 - d) Name two acid fast parasites causing diarrhoea in this condition
 - e) Describe the post exposure prophylaxis of this disease (1+2+4+1+2)

Short essay: (2x5=10)

2. Classify Dermatophytes. Describe the laboratory diagnosis.
3. Lymphatic filariasis.

Short notes: (10x2=20)

4. Name TWO pathogenic free living amoeba and the infection caused by each of them
5. Complications of Dengue fever
6. Pathogenesis of Rabies
7. Mucocutaneous candidiasis
8. Draw and label fertilized egg of *Ascaris lumbricoides*
9. Name TWO agents causing Mycetoma
10. Name TWO complications of varicella zoster virus infection
11. Hepatitis B surface antigen
12. Rapid diagnostic methods of Malaria
13. Prions
