

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
- What is the most probable diagnosis
  - Describe the modes of transmission of this disease
  - Describe the laboratory diagnosis in detail
  - Name two acid fast parasites causing diarrhoea in this condition
  - Describe the post exposure prophylaxis of this disease

(1+2+4+1+2)

Short essay:

(2x5=10)

- Classify Dermatophytes. Describe the laboratory diagnosis.
- Lymphatic filariasis.

Short notes:

(10x2=20)

- Name TWO pathogenic free living amoeba and the infection caused by each of them
- Complications of Dengue fever
- Pathogenesis of Rabies
- Mucocutaneous candidiasis
- Draw and label fertilized egg of *Ascaris lumbricoides*
- Name TWO agents causing Mycetoma
- Name TWO complications of varicella zoster virus infection
- Hepatitis B surface antigen
- Rapid diagnostic methods of Malaria
- Prions

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