

2010 Scheme

Q.P. Code: 206001

Reg. No.:

Second Professional MBBS Degree Supplementary Examinations

March 2026

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 25 year old male presented with fever, weight loss and generalized lymphadenopathy. He had history of receiving multiple blood transfusions for a haematological disorder 3 years back.
 - a) Enlist the microbes transmitted through blood transfusion.
 - b) What is the probable diagnosis for the above case and its aetiological agent
 - c) Discuss the laboratory diagnosis of the above condition according to the current NACO guidelines
 - d) Discuss the opportunistic infections commonly associated with this patient if left untreated

(2+2+4+2)

Short essay:

(2x5=10)

2. Describe the pathogenesis and laboratory diagnosis of ascaris lumbricoides infestation
3. Candidiasis

Short notes:

(10x2=20)

4. Rota virus.
5. Antigenic shift and antigenic drift.
6. Write TWO infections caused by Aspergillus
7. Draw a neat labelled diagram of trophozoite of E.histolytica.
8. Complications of Falciparum malaria
9. Sabouraud's Dextrose Agar media
10. Write TWO examples for superficial mycosis with their aetiological agents
11. Write TWO diseases caused by Cryptococcus neoformans
12. NIH swab
13. Stool concentration methods
