

2010 Scheme

Q.P. Code: 206001

Reg. No.:

Second Professional MBBS Degree Supplementary Examinations August 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. An adult male presents with complaints of high grade fever with chills and rigor for the past 6 days. On examination, patient has anemia and hepatosplenomegaly. Peripheral smear examination shows multiple ring forms.
 - a) What is the most probable diagnosis
 - b) Name the etiological agent and vector
 - c) Name the definitive host and intermediate host
 - d) Describe the laboratory diagnosis of this condition including the rapid diagnostic tests available
 - e) Name the complications of this condition

(1+2+2+3+2)**Short essay:****(2x5=10)**

2. Describe the pathogenesis and laboratory diagnosis of Dengue fever
3. Laboratory diagnosis of candidiasis

Short notes:**(10x2=20)**

4. DEC provocation test
5. Inclusion bodies
6. Name FOUR intestinal nematodes
7. Antigenic variations of influenza virus
8. Name four agents causing opportunistic fungal infection
9. Window period in HIV
10. Hydatid cyst
11. Mycotoxins
12. Hepatitis B vaccine
13. Dermatophytosis
