

2010 Scheme

Q.P. Code: 205001

Reg. No.:

Second Professional MBBS Degree Supplementary Examinations March 2026

Microbiology - Paper I

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 55 year old male patient was admitted with complaints of productive cough with blood tinged sputum. He also complained of breathlessness, loss of weight and evening rise of temperature.
 - a) What is the most probable diagnosis and its etiological agent.
 - b) Discuss in detail the laboratory diagnosis of this condition.
 - c) Write a note on NTEP. (2+6+2)

Short essay: (2x5=10)

2. Write in detail about Anaphylaxis.
3. Laboratory diagnosis of Enteric fever.

Short notes: (10x2=20)

4. Define enrichment media and give two examples.
5. Draw a neat labelled diagram of an autoclave.
6. Bacterial flagella.
7. VDRL test.
8. Write any FOUR contributions of Louis Pasteur.
9. Mention any FOUR methods of Antibiotic susceptibility testing.
10. Give TWO examples of killed vaccines.
11. Write TWO examples for primary immunodeficiency disorders.
12. Draw a neat labelled diagram of IgM.
13. Expand MRSA and VRE.
