

PG Degree Supplementary Examinations in Microbiology (MD)
April 2026

Paper II - Bacteriology and Mycology

Time: 3 hrs

Max marks:100

- *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: (20)

1. Classify spirochaetes. Discuss the pathogenesis and laboratory diagnosis of Leptospirosis. Add a note on prophylaxis.

Short essays: (8x10=80)

2. Laboratory diagnosis of diphtheria.
3. Drug resistance in *Klebsiella pneumoniae*.
4. Cutaneous anthrax.
5. Onychomycosis.
6. Laboratory diagnosis of candidiasis.
7. Histoplasmosis.
8. Various classifications of fungi and its importance.
9. *Helicobacter pylori*.
