

**D.M (Infectious Diseases) Degree Regular/Supplementary
Examinations April 2025**

**Paper II – Clinical Microbiology including Bacteriology, Parasitology, Virology
& Mycology and Pharmacology**

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. Give an account of the recent Nipah virus outbreaks in India with emphasis on diagnosis, prevention and treatment.

Short essays: **(8x10=80)**

2. Discuss the clinical features, diagnosis and treatment of anthrax.
3. Describe the diagnosis and management of neurocysticercosis.
4. Outline the diagnosis and management of disseminated histoplasmosis.
5. How will you investigate a case of chronic diarrhoea in an immunocompromised host
6. Discuss clinical features, diagnosis and treatment of talaromycosis.
7. Describe with diagram and examples the differences between concentration-dependent killing and time-dependent killing properties of antimicrobials.
8. Enlist the diseases caused by Epstein-Barr virus (EBV) and outline the laboratory diagnosis.
9. Describe the applications and barriers of Out-patient Parenteral Antimicrobial Therapy (OPAT).
