

QP Code: 101528

Reg. No:

DM (Infectious Diseases) Degree Regular Examinations April 2025

Paper I – Basic Sciences as applied to Infectious Diseases

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. Discuss post-COVID syndrome.

Short essays: (8x10=80)

2. Discuss the role of gut microbiota in immune homeostasis.

3. Discuss briefly the resistance mechanisms of *Acinetobacter baumanii* complex

4. Describe the role of point-of-care tests in evaluation of acute febrile illness.

5. Describe the composition of Hospital Infection Control Committee. Mention the role of the Infection Control Officer.

6. Enlist the milk-borne infections and outline the prevention measures.

7. Describe briefly the virulence factors of mycobacteria.

8. Give an account of artemisinin-based combination therapy (ACT).

9. How will you investigate a case of fever with jaundice in a young adult.
