

QP Code: 101528

Reg. No:

**DM (Infectious Diseases) Degree Regular/Supplementary
Examinations December 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. Principles and core elements of antimicrobial stewardship, evidence based stewardship interventions, team members of an AMSP team, stewardship metrics and outcome indicators. Expand on how Kerala became antibiotic literate state with SMART hospitals.

Short essays: (8x10=80)

2. Probiotics, synbiotics and pre-biotics and their utility in infections
3. Discuss briefly the epidemiology, resistance mechanisms of plasmodium falciparum malaria
4. Management and Prevention of Typhoid
5. Outline the steps of outbreak management
6. Describe common viral exanthematous fevers of childhood
7. Virulence factors of methicillin resistant staphylococcus aureus
8. Toxic shock syndrome: Organisms, pathogenesis, criteria, management
9. Pyrexia of unknown origin
