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Reg. No.....

Name.....

M.Sc. (MEDICAL MICROBIOLOGY) DEGREE EXAMINATION, JULY 2026

First Year

GENERAL MICROBIOLOGY AND CLINICAL PATHOLOGY

(2025 Admission Regular / 2022-24 Admissions Supplementary / 2021 Admission First
Mercy Chance / 2020 Admission Second Mercy Chance / 2019 Admission
Third Mercy Chance)

Time : Three Hours

Maximum Marks : 100

*Answer **all** questions.*

Draw diagrams wherever necessary.

I. Essays :

- 1 Explain the nomenclature and classification of bacteria
- 2 Write an account on different categories of infectious agents, with examples of diseases caused by them.

(2 × 20 = 40)

II. Short Essays :

- 1 Write an account on immune response against a viral pathogen
- 2 Explain the modes of spread and dissemination of microbes
- 3 Explain the pathology and cytological changes associated with Cholera, and leprosy
- 4 Write about bacterial culture medium

(4 × 10 = 40)

III. Write short notes on :

- 1 Gene cloning in microbes
- 2 Rickettesia
- 3 Types of microscopes
- 4 Pathogenesis of Mumps and Measles

(4 × 5 = 20)

