

QP CODE: 202326

Reg. No:

**Second Year Pharm D Degree Supplementary Examinations
April 2024**

Pharmaceutical Microbiology

Time: 3 Hours

Total Marks: 70

- *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*

Essays

(3x10=30)

1. Explain about the following infectious diseases
 - a) Meningitis
 - b) HIV
2. Enlist various methods of evaluation of bacteriostatic and bactericidal disinfectants. Explain any method of bacteriostatic disinfectant.
3. Mention methods used to identify bacteria and explain any four methods of biochemical tests used for the identification of bacteria.

Short notes

(8x5=40)

4. Elisa test.
5. Write the merits and demerits of Antiseptic.
6. Isolation of viruses.
7. Write the importance of booster dose in immunology.
8. Describe the function of the cell wall of gram-positive bacteria with a neat diagram.
9. Acid-fast staining.
10. Enriched media.
11. Differentiate between aerobic and anaerobic bacteria.
