

Roll No.

Total Printed Pages -2

F - 1316

**B. Pharm. (Fifth Semester)
EXAMINATION, May-June, 2022**

(Old Course)

Paper Second

Pharmaceutical Microbiology

Time : Three Hours]

[Maximum Marks:70

Note: Attempt any five questions. All questions carry equal marks.

1. Discuss morphology and life cycle of bacteriophage or yeast with suitable diagram.
2. (A) Give classification of microorganisms with their characteristics.

[2]

- (B) What is the scope of microbiology and its relevance to pharmaceutical applications?
3. Define sterilization. Discuss various methods of sterilization with suitable diagram?
4. Write short notes on (Any two)
 - (A) Evaluation of Disinfection
 - (B) Bacterial counting methods
 - (C) Cultivation of viruses
 - (D) Sterilization monitors
5. Discuss in detail Microbial epidemiology.
6. Define antiseptics, preservatives, sanitizing agents. Discuss chemical classification and mode of action of disinfectants.
7. Discuss classification and morphology of bacteria with suitable diagram.

P.T.O.

F - 1316