

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY
PARUL INSTITUTE OF PHARMACY AND RESEARCH
B.PHARM THIRD SEMESTER
SECOND INTERNAL THEORY EXAMINATION: 2021-22

Subject Name: Pharmaceutical Microbiology

Subject Code: BP303T

Time: 2:00 – 3:15 PM

Date: 28/08/2021

Total Marks: 30

Instructions:

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

Q.2 Long Answers: (Any One)

- 1) Define Sterilization. Classify methods of sterilization. Write a note on oven with labelled diagram. **10**
- 2) Define Microbiological assay. Write detail note on antibiotic microbiological assay. **10**

Q.3 Short Answers: (Any Two)

- 1) Give Detail note on microbiological assay of vitamin B12. **05**
- 2) Write a note on Virus replication cycle. **05**
- 3) Enlist the methods used for quantitative determination of bacteria. **05**
Explain methods used for Viable counting.