

U.G. 3rd Semester Examination - 2020

MICROBIOLOGY

[HONOURS]

Course Code : MB-H-CC-P-05

(Microbial Diversity and Systematics)

[PRACTICAL]

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

1. Write down the basic principles underlying dry heat and moist heat sterilization. Briefly compare their advantages and disadvantages. 5+5

OR

Describe the principle and procedure of estimation of CFU count by spread plate method. 5+5

2. Define aerosol. Describe the different isolation and enumeration methods of bacteria from air. 2+8

OR

Briefly describe preservation of bacterial cultures by various techniques. 10
