

U.G. 1st Semester Examination - 2021

MICROBIOLOGY

[HONOURS]

Course Code : MB-H-CC-P-01

(Basic Microbiology and Culture Techniques)

[PRACTICAL]

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

1. Answer any **two** of the following: $10 \times 2 = 20$
- i) Design an experiment to determine gram characteristics of a bacterium.
 - ii) Write working principle of glass electrode pH meter. Draw schematic diagram of such electrode and label the parts.
 - iii) Design an experiment to visualize endospore of a bacterium.
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