

U.G. 1st Semester Examination - 2020

MICROBIOLOGY

[HONOURS]

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

(Basic Microbiology and Cultural Techniques)

[PRACTICAL]

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer any **two** of the following: 10×2=20

1. Describe the bacterial Gram staining procedure in detail. 10
2. Write working principles of autoclave and laminar air flow cabinet. 5+5
3. Discuss the methods by which you can sterilize following items: 2×5
 - a) Glass wares
 - b) Heat labile solution
 - c) Disposable syringe
 - d) Nutrient agar medium
 - e) Centrifugation tubes.
