

U.G. 1st Semester Examination - 2021

MICROBIOLOGY

[HONOURS]

Course Code : MB-H-CC-P-02

(Biomolecules and Enzymology)

[PRACTICAL]

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

1. Answer any **two** of the following: $10 \times 2 = 20$
- a) State the principle and brief methodology for the quantitative estimation of glucose by DNS method. 4+6
 - b) Describe the principle and brief procedure for the quantitative estimation of proteins by Lowry method. 4+6
 - c) State the principle and brief methodology for the quantitative estimation of amino acids by Ninhydrine method. 4+6
 - d) Describe the principle and brief procedure for the quantitative estimation of RNA by Orcinol method. 4+6
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