

U.G. 2nd Semester Examination - 2020

MICROBIOLOGY

[HONOURS]

Course Code : MB(H)-CC-P-04

Course Title : Instrumentation and Biotechniques

[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. How will you identify an amino acid using paper chromatography technique? Discuss the principle and method.
 2. How will you separate a protein from a crude mixture using PAGE? Discuss with principle and method.
 3. What is the principle involved in column chromatography? How is it used to purify protein?
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