

U.G. 5th Semester Examination - 2021

Microbiology

[HONOURS]

Course Code : MB(H)/CC-12/PR

[PRACTICAL]

(Microbial Ecology and Agricultural Microbiology)

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

1. Answer **any two** of the following 10×2=20
- i) Design an experiment for the isolation of cellulose decomposing bacteria from soil.
 - ii) Briefly describe the experimental procedure for the assessment of nitrifying activity in soil.
 - iii) Write the principle of the commonly used laboratory method for the measurement of soil C-content.
 - iv) Design an experiment to demonstrate the antagonistic activity of one bacterium to other.
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