

U.G. 5th Semester Examination - 2020

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) Write the methods of isolation and enumeration of phosphate solubilizing bacteria from soil.
 - ii) Write process of determination of pH and phosphorous content of soil.
 - iii) Design a method to test whether or not one bacterium inhibits the growth of another bacterium (antagonism).
 - iv) Write the method of isolation of *Rhizobium* from root nodules.
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