

Bankura University
ACTIVITY CODE:1903132031
B.Sc. 6th Semester (Honours) Examination, October 2020
Subject: Microbiology

Course ID: 62226

Course Code: SH/MCB/603/DSE-3 (Pr.)

Course Title: Microbes in Sustainable Agriculture and Development

Full Marks: 10

Time: 1 hour 15 minutes

The figures in the margin indicate full marks

Answer all the questions.

UNIT I

1. Answer *any one* of the following questions: (6x1=6)
- a) Write down the principle and procedure for isolation of Cellulose degrading microorganisms. 3+3=6
- b) Design an ideal biogas plant for your locality.
- c) Write down the steps behind isolation of *Rhizobium* from root nodules of legumes. Mention two identifying characteristics of *Rhizobium*. 4+2=6

UNIT II

2. Viva Voce =(4)