

Activity Code:- 1903017031

B.Sc 6<sup>th</sup> SEMESTER (Honours) PRACTICAL EXAMINATION, October-2020

Subject: BOTANY

Course ID :- 61326

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

Course Title :- Industrial and Environmental Microbiology(Pr.)

Full Marks: 10

Time: 1h 30 mins

The figures in the margin indicate full marks.

Answer all the questions.

### UNIT I

1. Answer *any One* of the following questions: (6)

a) Write down the principle of bioreactor. Describe the different components of bioreactor. 2+4=6

b) Describe the culture media preparation for bacteria with special reference to nutrient agar media. =6

c) Write down the working principle of autoclave. Describe the sterilization process of bacteriological media by autoclave. 2+4=6

### UNIT II

2. Viva Voce =4