

**POSTGRADUATE FIRST SEMESTER EXAMINATIONS, 2021**

**Subject: BOTANY**

**Course ID: 11361**

**Course Title: Microbiology (PR.)**

**Course Code: BOT 101 C (PR.)**

**Full Marks: 10**

**Time: 2 hours**

**The figures in the margin indicate full marks**

**Answer all the questions.**

- 1. Perform the following experiment (any one): (6)**
  - A.** Make a bacterial streak on the given plate for making pure culture (using sample A)  
  
or  
  
Spread the bacterial suspension (sample B) on the given plate to prepare a pure culture.  
  
Principle: 3 work out: 1, Comment: 2
  - B.** Perform the biochemical tests to prove whether the given microorganism (sample C) can produce (i) Amylase and (ii) Catalase  
  
Performance: 2, Comments: 4
- 2. Viva voce (4)**