

**2021**

**MICROBIOLOGY — HONOURS — PRACTICAL**

**Paper : DSE-A-3P**

**(Plant Pathology)**

**Full Marks : 30**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words*

*as far as practicable.*

1. (a) Demonstrate Koch's postulates in fungal plant pathogen—
    - (i) State Koch's postulates
    - (ii) Procedure for isolation of fungal pathogen
    - (iii) Probable observation.
  - (b) Comment on the features of vegetative and reproductive structures along with a labelled diagram. Mention the host, pathogen and disease. (2+3+3)+(3+2+2)
  
  2. Note the supplied specimen number in your answerscripts and—
    - (a) Write the identifying features.
    - (b) Label the diagram.
    - (c) Mention the host, pathogen and disease associated with the supplied specimen. 2+1+2
  
  3. Laboratory Notebook 5
  
  4. Viva voce 5
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