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ST—569—2022

FACULTY OF SCIENCE AND TECHNOLOGY

M.Sc. (Second Year) (Fourth Semester) EXAMINATION

JUNE/JULY, 2022

(New/CBCS Pattern)

BOTANY

Paper-XIX

(Plant Pathology-IV)

(Diseases of Fruit Plants and Their Management)

(Friday, 08-07-2022)

Time : 02.00 p.m. to 05.45 p.m.

Time— 3.45 Hours

Maximum Marks—75

N.B. :— (i) All questions are compulsory.

(ii) All questions carry equal marks.

(iii) Draw neat and well labelled diagrams wherever necessary.

1. Describe symptoms, causal organism, etiology and management of powdery mildew of Mango and panama wilt of Banana. 15

Or

Describe symptoms, causal organism, etiology and management of Die-back of Mango and Sigatoka leaf spot of Banana.

2. Describe symptoms, causal organism, etiology and management of Tristeza disease of citrus and dowry mildew of graphs. 15

Or

Describe symptoms, causal organism, etiology and management of citrus gummosis and powdery mildew of Grapes.

3. Describe symptoms, causal organism, etiology and management of *cercospora* fruit of pomgranate and wilt of Guava. 15

Or

Describe symptoms, causal organism, etiology and management of *Alternaria* fruit spot of pomgranate and die-back of Guava.

P.T.O.

4. Describe symptoms, causal organism, etiology and management of anthracose of mango and blue mould of citrus. 15

Or

Describe symptoms, causal organism, etiology and management of Grey mould of grapes and *Aspergillus* rot of papaya.

5. Write short notes on any *three* out of four : 15
- (a) Bunchy top disease of Banana
 - (b) Leaf curl of Papaya
 - (c) Bird's eye disease of Grapes
 - (d) Concept of post disease.