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WT—397—2024

FACULTY OF SCIENCE AND TECHNOLOGY

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

NOVEMBER/DECEMBER, 2024

(NEW/CBCS Pattern)

BOTANY

Paper XIX

(Plant Pathology-IV (Diseases of Fruit Plants and their Management))

(Friday, 20-12-2024)

Time : 2.00 p.m. to 5.00 p.m.

Time—3 Hours

Maximum Marks—75

N.B. :— (i) Attempt all questions.

(ii) All questions carry equal marks.

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

1. Describe symptoms, causal organism, etiology and management of die back of mango and sigatoka leaf spot of banana. 15

Or

Describe symptoms, causal organism, etiology and management of malformation of banana and grey leaf blight of mango.

P.T.O.

2. Describe symptoms, causal organism etiology and management of citrus tristeza disease and alternaria blight of grapes. 15

Or

Describe symptoms, causal organism, etiology and management of bird's eye disease of grapes and citrus decline.

3. Describe symptoms, causal organism, etiology and management of anthraenose of pomgranate and wilt of guava. 15

Or

Describe symptoms, causal organism, etiology and management of cercospora fruit spot of pomgranate and foot rot of papaya.

4. Give an account on post-harvest diseases of mango and their management. 15

Or

Describe in brief soft rot of pomgranate and rhizopus rot of papaya.

5. Write short notes on (any *three*) : 15

- (a) Bunchy top of banana
- (b) Citrus greening
- (c) Leaf curl of papaya
- (d) Concept of post-harvest diseases.