

This question paper contains 3 printed pages]

NY—397—2023

FACULTY OF SCIENCE

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

NOVEMBER/DECEMBER, 2023

(New/CBCS Pattern)

BOTANY

Paper XIX

[Plant Pathology–IV (Diseases of Fruit Plants and their Management)]

(Friday, 15-12-2023)

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

Time—Three 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 Panama wilt of banana and Die back of mango. 15

Or

Describe symptoms, causal organism, etiology and management of powdery mildew of mango and sigatoka disease of banana.

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NY—397—2023

2. Describe symptoms, causal organism, etiology and management of downy mildew of grapes and citrus greening. 15

Or

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

3. Describe symptoms, causal organism, etiology and management of wilt of guava and cercospora fruit spot of pomegranate. 15

Or

Describe symptoms, causal organism, etiology and management of Die back of Guava and leaf curl of Papaya.

4. Describe symptoms, causal organism, etiology and management of Blue mould of citrus and Aspergillus root of pomegranate. 15

Or

Describe symptoms, causal organism, etiology and management of green mould of citrus and add a note on concept of post-harvest disease.

5. Write short notes on any *three* out of four : 15

- (a) Canker of mango
- (b) Citrus decline
- (c) Ring spot of papaya
- (d) Rhizopus rot of guava.

NY—397—2023

2