

This question paper contains 2 printed pages]

PA—32—2024

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Third Year) (Fifth Semester) EXAMINATION

MARCH/APRIL, 2024

(CBCS/New Pattern)

BOTANY

Paper XIII

(Plant Pathology-I)

(Monday, 15-04-2024)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

Note :— (i) Attempt all questions.

(ii) Illustrate your answers with suitably labelled diagrams wherever necessary.

1. Describe in detail classification of plant diseases on the basis of symptoms. 15

Or

Write on :

- (a) Entry of plant pathogens through stomata and wounds. 8
- (b) Dispersal of plant pathogens by insects and animals. 7

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(2)

PA—32—2024

- 2 Write in detail symptoms, causal organisms, disease cycle and control measures of grain smut of jowar. 15

Or

Write on :

- (a) Leaf spot of turmeric. 8
- (b) Sigatoka disease of banana. 7
3. Attempt any *two* out of four : 10
- (a) Role of moisture in plant disease development.
- (b) Pure culture technique
- (c) Brown leaf spot of rice
- (d) Symptoms of red rot of sugarcane.

PA—32—2024

2