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VA—32—2024

FACULTY OF SCIENCE AND TECHNOLOGY

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

NOVEMBER/DECEMBER, 2024

(CBCS/New Pattern)

BOTANY

Paper—XIII

(Plant Pathology–I)

(Friday, 6-12-2024)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt all questions.

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

1. Describe classification of plant diseases on the basis of causal organisms. 15

Or

Write notes on :

(a) Dispersal of plant pathogen by air and water. 8

(b) Chemical weapons of pathogen. 7

2. Describe symptoms, causal organism, disease cycle and control measures of white rust of Mustard. 15

P.T.O.

WT

(2)

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Or

Write notes on :

- | | | |
|-----|--|----|
| (a) | Green ear of Bajra. | 8 |
| (b) | Bacterial blight of Pomegranate. | 7 |
| 3. | Attempt any <i>two</i> out of four : | 10 |
| (a) | Role of temperature in disease development | |
| (b) | Koch's postulates | |
| (c) | Leaf spot turmeric | |
| (d) | Anthracnose of Mango. | |

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