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VA—14—2024

FACULTY OF SCIENCE

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

NOVEMBER/DECEMBER, 2024

(CBCS/New Pattern)

BOTANY

Paper—XV

(Plant Pathology—II)

(Tuesday, 3-12-2024)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt *all* questions.

(ii) *All* questions carry equal marks.

(iii) Draw well labelled diagrams wherever necessary.

1. Describe pre-existing and post-infectious biochemical defense mechanism in plants. 15

Or

Write notes on :

(a) Seedborne pathogens 8

(b) Disease forecasting 7

P.T.O.

2. Describe symptoms, causal organism disease cycle and control measures of Downy mildew of grapes. 15

Or

Write notes on :

- (a) Rust of Jowar. 8
- (b) Loose smut of wheat 7
3. Write short notes on (any two) : 10
- (a) Blotter paper method
- (b) Cuticle
- (c) Cuscuta
- (d) Papaya mosaic.