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NA—32—2023

FACULTY OF SCIENCE AND TECHNOLOGY

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

NOVEMBER/DECEMBER, 2023

(CBCS/New)

BOTANY

Paper-XIII

(Plant Pathology-I)

(Saturday, 9-12-2023)

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 causal organisms. 15

Or

Write on :

(a) Red rot of sugarcane 8

(b) Angular leaf spot of cotton. 7

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

Or

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

(b) Entry of Pathogens by root hairs and buds. 7

P.T.O.

WT

(2)

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3. Attempt any *two* of the following :

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- (a) Scope of plant pathology
- (b) Toxins
- (c) Anthracnose of Mango
- (d) Symptoms of leaf blight of Rice.

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