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VA—24—2024

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (First Year) (First Semester) EXAMINATION

NOVEMBER/DECEMBER, 2024

(New Pattern)

BOTANY

Paper-I

(Viruses, Bacteria, Algae, Fungi, Lichens and Mycorrhiza)

(Thursday, 5-12-2024)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt all questions.

(ii) Draw neat and well labelled diagram wherever necessary.

1. Describe thallus structure and formation of Plurilocular sporangia in Ectocarpus. 15

Or

(a) General characters of viruses. 8

(b) Conjugation in Bacteria. 7

2. Describe external and internal structure of basidiocarp of Agaricus. 15

Or

(a) Economic importance of lichens. 8

(b) Asexual reproduction in Alternaria. 7

P.T.O.

WT

(2)

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3. Write short notes on (any two) :

10

- (a) Citrus canker
- (b) Thallus structure of oedogonium
- (c) General characters of fungi
- (d) Types of Mycorrhiza.

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