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NA—24—2023

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (First Semester) EXAMINATION

NOVEMBER/DECEMBER, 2023

(New Pattern)

BOTANY

Paper I

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

(Friday, 8-12-2023)

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 diagrams wherever necessary.

1. Describe the ultrastructure of bacterial cell and asexual reproduction by binary fission. 15

Or

Explain in brief :

(a) Vegetative morphology of Oedogonium 8

(b) Economic importance of algae. 7

2. General characters and types of lichens. 15

P.T.O.

WT

(2)

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Or

Write in brief :

- (a) Asexual reproduction in *Alternaria* 8
- (b) General characters of fungi. 7
3. Write short notes on (any *two*) : 10
- (a) Yellow vein mosaic of Bhendi
- (b) Plurilocular sporangia
- (c) V.S. of Gills
- (d) Foliose lichen.

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