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PA—24—2024

FACULTY OF SCIENCE AND TECHNOLOGY

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

MARCH/APRIL, 2024

(New Course)

BOTANY

Paper I

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

(Saturday, 13-04-2024)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

Note :— (i) Attempt all questions.

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

1. Explain in detail asexual reproduction by the formation of unilocular and plurilocular sporangia in Ectocarpus. 15

Or

Write in brief :

- (a) General characters of viruses. 8
- (b) Economic importance of bacteria. 7

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(2)

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2 Write an account of asexual and sexual reproduction in penicillium. 15

Or

Explain in brief :

- (a) General characters of Lichens. 8
- (b) Ecto and Endomycorrhiza. 7
3. Write short notes on any *two* : 10
- (a) Yellow vein mosaic of Bhendi
- (b) Thallus structure of Oedogonium
- (c) External structure of Basidiocarp
- (d) Types of Lichens.

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