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SB—42—2022

FACULTY OF SCIENCE

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

MAY/JUNE, 2022

(New Pattern)

BOTANY

Paper-I

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

(Saturday, 11-06-2022)

Time : 10.00 a.m. to 12.30 p.m.

Time— 2.30 Hours

Maximum Marks—40

N.B. :— Attempt all questions.

1. Describe in detail replication/multiplication of Viruses. 15

Or

Write in brief :

(a) Asexual reproduction by zoospore formation in Oedogonium. 8

(b) Reproduction in Nostoc. 7

2. Describe in detail Asexual reproduction in Penicillium. 15

Or

Write in brief :

(a) Asexual reproduction in Alternaria. 8

(b) Types of Lichen. 7

3. Write short notes on (any two) : 10

(a) Economic importance of Viruses

(b) Economic importance of Algae

(c) Basidiocarp in Agaricus

(d) Mycorrhiza.

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