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VA—39—2024

FACULTY OF SCIENCE

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

NOVEMBER/DECEMBER, 2024

(New Course)

BOTANY

Paper-II

(Plant Ecology, Phytogeography and Environmental Biology)

(Saturday, 7-12-2024)

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 diagrams wherever necessary.

1. What are Hydrophytes ? Describe morphological and anatomical adaptations in Hydrilla plant. 15

Or

Describe in brief :

- (a) Sunlight as a climatic factor 8
- (b) Soil profile. 7
2. What is Ecosystem ? Describe pond ecosystem in detail. 15

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Or

Describe in brief :

- (a) Causes and control of air pollution. 8
- (b) Soil erosion and soil conservation. 7
3. Write short notes on any *two* of the following : 10
- (a) Soil pH
- (b) Pneumatophores
- (c) Frequency
- (d) Chipko movement.

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