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GA—52—2023

FACULTY OF SCIENCE

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

APRIL/MAY, 2023

(New)

BOTANY

Paper II

(Plant Ecology, Phytogeography and Environmental Biology)

(Tuesday, 02-05-2023)

Time: 10.00 a.m. to 12.00 noon

Time— Two Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

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

1. What is Xerophytes ? Describe in detail their morphological and anatomical adaptation. 15

Or

Describe in brief :

(a) Temperature is an ecological factor 8

(b) Soil formation. 7

2. What is air pollution ? Describe their causes, effects and suggest control measures of air pollution. 15

Or

Write notes on :

(a) Hydrosere 8

(b) Ecological pyramids. 7

P.T.O.

3. Write short notes on any *two* of the following : 10

- (a) Scope and importance of Ecology
- (b) Anatomical adaptations in hydrilla
- (c) Quadrant method
- (d) Afforestation.