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X—36—2019

FACULTY OF SCIENCE AND TECHNOLOGY

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

OCTOBER/NOVEMBER, 2019

(New Course)

BOTANY

Paper—II

(Plant Ecology, Phytogeography and Environmental Biology)

(Friday, 18-10-2019)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

(ii) Illustrate your answers with suitable labelled diagrams wherever necessary.

1. Define soil. Give an account on soil formation. 15

Or

Write short notes on :

(a) Pyramid of Energy 8

(b) Biotic Components of an Ecosystem. 7

2. Describe the T.S. of Hydrilla stem. Enlist the Adaptations of Ecological interest. 15

Or

Write short notes on :

(a) Types of Soil Erosion 8

(b) Chipko Movement. 7

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

(a) Soil moisture

(b) General characters of Halophytes

(c) Food chain

(d) Afforestation.

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