

This question paper contains 2 printed pages]

VA—67—2024

FACULTY OF SCIENCE & TECHNOLOGY

B.Sc. (Third Year) (Fifth Semester) EXAMINATION

NOVEMBER/DECEMBER, 2024

(CBCS/New Pattern)

ZOOLOGY

Paper-XIII

[Applied Zoology-D (Environmental Biology-I)]

(Wednesday, 11-12-2024)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (1) Attempt *all* questions.

(2) Illustrate your answers with suitable labelled diagram wherever necessary.

1. Describe the concept and structural components of an ecosystem. 15

Or

(a) Physico-chemical properties of water. 8

(b) Soil profile and process of soil formation. 7

2. What is Biodiversity ? Describe role of biodiversity. 15

Or

(a) Importance of wildlife. 8

(b) Causes of wildlife depletion. 7

P.T.O.

WT

(2)

VA—67—2024

3. Write short notes on (any two) :

10

- (a) Hydrological cycle
- (b) Food chain
- (c) Ex-situ conservation
- (d) Management of wildlife.

VA—67—2024

2