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**SA—51—2025**

**FACULTY OF SCIENCE AND TECHNOLOGY**

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

**APRIL/MAY, 2025**

**(CBCS/New Pattern)**

**ZOOLOGY**

**Paper XII**

**(Ecology and Zoogeography)**

**(Saturday, 19-4-2025)**

**Time : 10.00 a.m. to 12.00 noon**

*Time—Two Hours*

*Maximum Marks—40*

*Note :—* (i) Attempt *All* questions.

(ii) Illustrate your answer with suitably labelled diagrams wherever necessary.

1. What are the various components of ecosystem ? Describe the desert ecosystem. 15

*Or*

(a) Natality and mortality 8

(b) Mutualism. 7

P.T.O.

2. Describe in detail the sources, effects and control of water pollution. 15

*Or*

- (a) Volant adaptations. 8
- (b) Measures to protect endangered species in India. 7
3. Write notes on any *two* of the following : 10
- (a) Atmosphere 5
- (b) Population equilibrium 5
- (c) Wind energy 5
- (d) Australian realm. 5