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**SB—85—2022**

**FACULTY OF SCIENCE & TECHNOLOGY**

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

**(CBCS/New Pattern)**

**MAY/JUNE, 2022**

**ZOOLOGY**

**Paper-XII**

**(Ecology and Zoogeography)**

**(Wednesday, 15-06-2022)**

**Time : 10.00 a.m. to 12.30 p.m.**

*Time— 2½ Hours*

*Maximum Marks—40*

*N.B. :— (i) Attempt all questions.*

*(ii) Illustrate your answers with suitably labelled diagrams, wherever necessary.*

1. What is Ecosystem ? Describe in detail pond ecosystem. 15

*Or*

Write notes on :

(a) Sources and effect of Water Pollution. 8

(b) Conventional Energy Resources. 7

2. What is biotic interaction ? Describe commensalism and Mutualism with suitable example. 15

*Or*

Write notes on :

(a) Aims and necessity of wildlife conservation. 8

(b) Aquatic adaptations. 7

**P.T.O.**

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

10

- (a) Oxygen Cycle
- (b) Natality
- (c) Noise Pollution
- (d) Oriental Relam.