

M.Sc. (Part-I) (Zoology) (NEP Pattern) Semester-I
**NEP-84-2 / 01MSCZO04-2 Major Elective - Environmental Science and Basic
Concept of Ecology**

P. Pages : 1

Time : Three Hours



GUG/W/24/15147

Max. Marks : 80

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- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Illustrate your answers with well labelled diagrams wherever necessary.

1. Describe in detailed Nekton and Benthos about Nature, distribution, collection, preservation and importance.

OR

- a) Food web
- b) Desert Ecosystems

2. Describe in detail Nitrogen cycle.

OR

- a) Biotic Community
- b) Types and effects of eutrophication

3. Describe in detail major biomes of the world with emphasis on Indian Biomes.

OR

- a) Ecological Niche
- b) Photoperiodism

4. Describe in detail Ecological Adaptations of Aquatic Flora and Fauna.

OR

- a) Abiotic Limiting factors
- b) Soil formation and soil profile

5. Attempt the following-
- a) Ecological Pyramids
 - b) Oxygen cycles
 - c) Ecological succession
 - d) Deep sea adaptations
