

M.Sc. (Zoology) (NEP Pattern) Semester-I
**NEP-84-2 / 01MSCZO04-2 Paper-II-Environmental Science and Basic Concepts
of Ecology**

P. Pages : 1

Time : Three Hours



GUG/S/25/15147

Max. Marks : 80

1. Structure and function of Marine (Oceans) Ecosystems. **16**

OR

a) Food chain and Food web in the ecosystems.

b) Nekton and Benthos

2. Give an account of Biotic Community. **16**

OR

a) Phosphorous and Nitrogen Cycle

b) Effect and control measures of eutrophication.

3. Give an account of Ecological Succession. **16**

OR

a) Ecological Niche and Ecotypes.

b) Major biomes of the world with emphasis on Indian Biomes.

4. Give an account of Abiotic Environmental Factor. **16**

OR

a) Primary and Secondary aquatic adaptation.

b) Sampling technique of population and sampling of animal populations.

5. Attempt the following: **16**

a) Plankton

b) Sulphur cycle

c) Photoperiodism

d) Marine Biosphere Reserve in India
