

M.Sc. (Part-II) (Zoology) (NEP Pattern) Semester-III
03MSCZO03 - DSC Core Credits Paper-IV : Ecology and Environmental Biology

P. Pages : 1

Time : Three Hours



GUG/S/25/16033

Max. Marks : 80

-
- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Illustrate your answers with suitable diagrams.

1. Write a note on biogeography. 16

OR

- a) Classification and components of soil.
- b) Ecological Succession.

2. Give brief account on collection, preservation and importance of plankton. 16

OR

- a) Primary and secondary productivity.
- b) Collection and preservation of periphyton.

3. Write a note on land pollution. 16

OR

- a) Merits and scope of bioremediation.
- b) Water quality management.

4. Give a brief account on animal adaptation & its significance. 16

OR

- a) Prey and predator relationship.
- b) Social organization and behaviour.

5. Attempt the following. 16

- a) Basic Concepts of Ecology.
- b) Benthos.
- c) Air pollutants.
- d) Biometerology.
