

M.Sc.(Zoology) CBCS Pattern Semester-III
PSCZOOT10-8 - Paper-X Special Group - Environmental Biology Paper-I :
Ecosystems and Communities

P. Pages : 1

Time : Three Hours



GUG/W/23/11314

Max. Marks : 80

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw well labeled diagrams wherever necessary.

1. Write an account on Ecological pyramids type and diversity. 16

OR

Write notes on:

- a) Y shaped model.
- b) Freshwater Ecosystems.

2. Give an account on Eutrophication, Types, effects and control measures. 16

OR

Write notes on:

- a) Water cycle.
- b) Nitrogen cycle.

3. Write an account on types and process of ecological succession. 16

OR

Write notes on:

- a) Characteristics of communities.
- b) Ecological indicators.

4. Write an account on Biometeorology scope and factors. 16

OR

Write notes on:

- a) Indian Biomes.
- b) Temperature.

5. Attempt the following. 16

- a) Plankton.
- b) Benthos.
- c) Primary productivity.
- d) Water as a essential factor for meteorological studies.
