

M.Sc.(Zoology) (CBCS Pattern) Fourth Semester CBCS
ZOO-XIV / PSCZOOT14.8 - Special Group
Environmental Biology-III (Environmental Pollution and Aquaculture)
Paper-XIV

P. Pages : 1

Time : Three Hours



GUG/W/18/11436

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 detail sources of water pollution and its effects on man and environment. **16**

OR

Write notes on:

- a) Physiological effects of noise pollution.
- b) Primary and Secondary air pollutants.

2. Describe in detail the sources effects and control measures of radioactive pollution. **16**

OR

Write notes on:

- a) Sources and effects of insecticide pollution.
- b) Sources and effects of biomedical waste.

3. Describe in detail the bioaccumulation and biomagnification in living organisms. **16**

OR

Write notes on:

- a) Bioassay methodology.
- b) Biotransformation of Xenobiotics.

4. Describe in detail the planning and management of freshwater fish farm. **16**

OR

Write notes on:

- a) Role of fishery co-operative societies.
- b) Transport of fish seed.

5. Attempt the following. **16**

- a) Global warming.
- b) Sources of hazardous waste.
- c) General effects of pollutants on man.
- d) Seed resources of major carps.
