

M.Sc. (Zoology) (NEP Pattern) Semester-I  
**NEP-84-3 / 01MSCZO04-3 Major Elective Paper-III - Ecology and  
Environmental Pollution**

P. Pages : 1

Time : Three Hours



**GUG/S/25/15148**

Max. Marks : 80

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

**1.** Write detailed account on population ecology. **16**

**OR**

- a) Types and nature community ecology.
- b) Species interaction

**2.** Write a detailed note on Environmental impact Assessment. **16**

**OR**

- a) Ecological succession.
- b) Energy partitioning.

**3.** Explain in details about Air pollutants, sources, effects of air pollution. **16**

**OR**

- a) Sources and nature of pollutants.
- b) Classical smog

**4.** Describe types, sources and effects of water pollution. **16**

**OR**

- a) Sources of radioactive pollution.
- b) Agricultural pollution.

**5.** Write a short note. **16**

- a) Ecological niche
- b) Climax
- c) Photochemical smog.
- d) Effects of noise pollution.

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