

M.Sc. F.Y. (Zoology) (NEP Pattern) Semester-I
NEP-84-3 / 01MSCZO04.3 - DSE Paper-III
Ecology and Environmental Pollution

P. Pages : 1

Time : Three Hours



GUG/W/23/15148

Max. Marks : 80

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- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Illustrate your answer write suitable diagram.

1. Write in detail about species interactions. **16**

OR

- a) Ecological Niche.
- b) r and k selection species.

2. Write a detail account on ecological succession. **16**

OR

- a) Y-Shaped and Universal model of energy flow.
- b) Environmental impact assessment.

3. Write an essay on air pollution. **16**

OR

- a) Smog formation.
- b) Prevention and control of air pollution.

4. Give detail account on radioactive pollution. Add a note on effect on radiation. **16**

OR

- a) Agrochemical fertilizers and pesticides.
- b) Sources and effects of water pollution.

5. Attempt the following. **16**

- a) Edge effect.
- b) Climax community.
- c) Pollution monitoring.
- d) Noise pollution Act.
