

Final Year M.Sc. Degree Examination

Aug/Sept 2009

Directorate of Distance Education

(Freshers)

ZOOLOGY

Paper-VI : Environmental Pollution and Ecotoxicology

Time : 3 Hours

Max. Marks : 85

- Note :**
1. All questions carry equal marks.
 2. Answer any TWO questions from Part A, TWO questions from Part B and Part C is compulsory.
 3. Illustrate the answers wherever necessary.

PART-A

2x15=30

1. Write an account of 'sources and pollutants of air pollution'.
2. Describe the steps involved in wastewater treatment.
3. Explain pollution and loss of biodiversity.
4. Give an account of 'basic element environment impact assessment methods'.

PART-B

2x15=30

5. Critically comment on 'pesticides and their mode of action'.
6. Explain residual effects of pesticides in animals.
7. Give a brief account on tolerance limits and development of resistance to xenobiotics.
8. Discuss the toxins of animal origin with their effects.

PART-C

5x5=25

9. Write short notes on any FIVE of the following.
 - a) Global Warming.
 - b) Eutrophication
 - c) Bhopal Tragedy
 - d) Hydrological cycle.
 - e) Organophosphate toxicity
 - f) Loss of biodiversity
 - g) Dose response relationships
