



DPB – 520 (ZOO)

Final Year M.Sc., Degree Examination, July/August 2011

Directorate of Distance Education

ZOOLOGY

Paper – VI : Environmental Pollution and Ecotoxicology

Time : 3 Hours

Max. Marks : 75/85

***Note :** 1) Answer **any two** questions from Part A and B and Part C is compulsory.*

*2) Illustrate the answers **wherever** necessary.*

*3) The question **10** in Part – D is applicable to **only** freshers.*

*Repeaters need **not** attempt.*

PART – A

(2×15=30)

1. Write an essay on air pollution and its control.
2. Describe the soil erosion and its management.
3. Give an account of biological effects of noise pollution and mention their control measures.
4. Explain the effects and control measures for the global warming.

PART – B

(2×15=30)

5. Explain the detoxification mechanisms of toxicants in the organisms with suitable examples.
6. Give an account of toxins produced by plants and their adverse effects.
7. Write an account on Biopesticides.
8. Describe the various statutory provisions and safety measures for toxicants.

P.T.O.



PART – C

(3×5=15)

9. Give short notes on **any THREE** of the following.

- a) Oxygen Sag curves
- b) Hydrocarbons
- c) Biomagnification
- d) Probit analysis
- e) Lead toxicity.

PART – D

10. Describe the components of biosphere and add a note on their interactions.

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