

Total No. of Questions :4]

SEAT No. :

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P2859

[5029]-405

M.Sc. - II

ZOOLOGY

**ZY - 405 (T) : Pollution Biology
(2013 Pattern) (Semester - IV) (2 Credits)**

Time : 1½ Hours]

[Max. Marks : 25

Instructions to the candidates:

- 1) *Attempt any two questions from Q.No.1 to Q.No.3.*
- 2) *Question No.4 is compulsory.*
- 3) *Neat diagrams must be drawn wherever necessary.*
- 4) *Figures to the right indicate full marks.*

Q1) a) Define Pesticide Pollution. Give the possible sources of Pesticide pollution. **[4]**

b) Comment on the sources and effects of Agricultural pollution. **[4]**

c) Describe the sources of Radioactive pollution. **[2]**

Q2) a) Describe the methods for Water pollution monitoring. **[4]**

b) Give the causes and consequences of Bioaccumulation. **[3]**

c) Describe the effects of Noise pollution. **[3]**

Q3) a) Define Bioassay. Give its purpose and selection criteria of test organisms. **[4]**

b) Write a note on Atmosphere. **[3]**

c) Explain the effects of Air Pollution on animals and humans. **[3]**

Q4) a) Give any two Biological methods for assessment of Environmental quality. **[5]**

OR

b) What is hazardous waste? Explain handling and management of hazardous waste. **[5]**

