



DPB – 510 (Env. Sci.)

Final Year M.Sc. (Environmental Science) Degree Examination, Aug/Sept. 2010
Directorate of Distance Education
(Freshers)

Paper – V : ENVIRONMENTAL POLLUTION AND MONITORING

Time : 3 Hours

Max. Marks : 85

Note : Answer questions from all the Parts.

PART – A

(5×2=10)

Answer any **FIVE** of the following (Short answer type) :

1. Eutrophication
2. BOD/COD ratio
3. Significance of estimation of Turbidity
4. Soil acidity and its mitigation
5. Hardness of water
6. Classification of air pollutants
7. Sound intensity
8. Curie.

PART – B

(5×6=30)

Answer any **FIVE** of the following :

9. Explain briefly effects of soil contaminants on plants and animals.
10. Write a note on indoor air pollution.
11. Explain in detail about water sampling methods.
12. Explain the methods of reclamation of polluted soil.
13. Write a note on particulate sampling and its analysis.
14. Explain the effects of sound pollution and ambient noise standards.
15. Explain the process of stratspheric ozone depletion.

PART – C

(3×15=45)

Answer any **THREE** of the following :

16. Describe pollution scenario in Indian rivers and add a note on Ganga action plan.
17. Describe the pattern of pollution and self purification in a polluted stream.
18. Describe the effects of radioactive pollution on biological systems.
19. Discuss the sources and effects of pesticide pollution on biological systems.

P.T.O.