

- (1) All questions are compulsory**
- (2) Draw diagrams wherever necessary**
- (3) Figures to the right indicate full marks**

- 1) (i) "Ban on use of Plastic Bags" is example of which of 3Rs of control measures, define and justify 1
- (ii) Define sustainable development 1
- (iii) Give two examples of recycle 1
- (iv) Define Eutrophication 1
- (v) Enlist two fossil fuels 1
- (vi) Enlist the chemicals produced in Photochemical Smog 1
- (vi) Name two indoor air pollutants and their effects 2
- (vii) Give the causes of Acid Rain 2
- (vii) Explain the concept of Sanitary Landfills 2
- (vii) State the need of Environmental Education 2
- (viii) Explain Primary air pollutants with examples 2
- (ix) Explain the term "Environmental Impact Assessment" 2
- (x) State the need for Environmental legislations in Indian Scenario 2

- 2) (i) What are the causes and methods for reducing Noise Pollution 4
- (ii) Describe the function and power of Central Pollution Control Board 4
- OR
- (ii) Discuss the penalties and punishment under Environmental Protection Act 4
- (iii) Explain the processes needed to transmit from unsustainable to sustainable development 4

- 3) (i) Explain with suitable diagram hydropower generation 4
- (ii) Explain any two equipments used for purification of Air 4
- (iii) Write a note on any two methods for sewage water treatment 4
- OR
- (iii)What are the causes and methods for treatment of E- pollution

- 4) (i) What do you mean by green building? What are its benefits? 4
- (ii) What are food chains and food webs? Give examples and discuss their significance 4
- (iii) Differentiate between renewable and non-renewable sources of energy & Justify wind energy as a source of renewable energy 4
- OR
- (iii) What are Carbon Credits. Explain the need and advantages of Carbon Credits

- 5) (i) Explain the four steps involved in Environmental Clearance 4
- (ii) Write a note on techniques of disaster management with reference to Tsunami or Earthquake 4

(iii) Describe the causes and effects of depleting nature of water resources in the environment 4

6) (i) Explain role of Technology in Environment and Health 4

(ii) Explain "Global Warming" causes ,effects and preventive measures 4

OR

(ii) Discuss vermicomposting as one of the methods of solid waste management

(iii) Write a detailed note on solar energy and solar cells as one of the method to generate solar power. 4
