T.E. Sem-I EVS 18/12/2013.
ETRX, CMPN, IT, EXTC.

2nd Half-13(8)-PKL-51

Con. 7101-13. **LJ-11450**

(2 Hours) **[Total Marks : 50**

N. B. : (1) Question No. **1** is **compulsory**.
(2) Attempt any **four** questions from Question Nos. **2** to **7**.
(3) Draw **suitable** sketches wherever **required**.
(4) **Figure** to the **right** indicates **full** marks.

1. Answer any **five** of the following:– **10**
   (a) Explain the concept of food chain with suitable example.
   (b) What are the causes and effects of E-pollution?
   (c) Differentiate between : Renewable and Non-renewable energy resources.
   (d) What is sustainable development? What are its benefits?
   (e) Explain the term 'Hot Spots of Biodiversity'.
   (f) What are the functions of State Pollution Control Board.
   (g) Why thermal pollution is growing? How it can be controlled?

2. (a) Explain briefly the characteristic features of forest ecosystem. How forest ecosystem can be conserved? **5**
   (b) Why there is need for water conservation? Explain briefly how rain water harvesting can be carried out? **5**

3. (a) How marine pollution is caused? Explain adverse effects caused on account of it. **5**
   (b) What is disaster management? How these techniques can be implemented in the event of cyclone. **5**

4. (a) Explain briefly the salient features of Air Pollution Prevention and Control Act. **5**
   (b) Why global warming is taking place? What are the adverse effects produced by it? **5**

5. (a) What is Biodiversity? Explain the important values of biodiversity. **5**
   (b) How acid rain is formed? What adverse effects are produced on account of it. **5**

6. (a) What role is played by Information Technology to the field of human health and environment. **5**
   (b) Explain structural and functional aspects of an ecosystem. **5**

7. (a) What is solid waste? Explain the methods to control solid waste. **5**
   (b) List important air pollutants. What are their sources and how do they affect us? **5**