Before answering the question paper the candidate should ensure that they have been supplied the correct question paper. Complaints in this regard, if any, shall not be entertained after the examination.

**Note:** Question No. 1 is Compulsory and attempt two questions from each section. All questions carry equal marks.

1. a) Explain the concept of Ecomark.
   b) Write short notes on deforestation and water logging.
   c) Write a note on Lake Ecosystem.
   d) Explain thermal pollution.
   e) Write a short note on Rainwater harvesting.

**SECTION – A**

2(a) Define Environment? Write a critical note on need for public awareness to save the Environment. (10)
   (b) What do meant by flood and landslide? Explain the multidisciplinary nature of Environmental Studies. (10)

3(a) What do you mean by renewable and non renewable natural resources? Explain land resources in detail. (10)
   (b) Explain the following terms-
      i) Eutrophication
      ii) Super pest
      iii) Shifting cultivation
      iv) water logging
      v) Deforestation

4(a) Explain food chain and food web? Write short notes on-
   (i) Pond Ecosystem
   (ii) Lake Ecosystem
   (iii) Producer, consumer and decomposer
   (iv) River ecosystem
   (b) Discuss the process of Ecological succession. What are Ecological pyramids? (10)

**SECTION – B**

5(a) Define pollution. Explain Air pollution in detail. (10)
   (b) Briefly describe the sources, effects and control of Thermal pollution. (7)
   (c) Explain 3 R methods to manage solid wastes (3)

6(a) Explain in detail ozone layer depletion. (8)
   (b) What is meant by acid rain? Explain in detail. (6)
   (c) What are the major issues and problems related to rehabilitation of the displaced tribal’s? (6)

7(a) Write a short note on 1992 amendment in the Forest Act. (5)
   (b) What are different methods to propagate environmental awareness in the society? (7)
   (c) Explain Water (prevention and control of pollution) Act. (8)