

Duration : 2hrs

Marks : 60

Note: All questions are compulsory

Draw diagrams wherever necessary

Q1.a Explain the structure of an ecosystem. (8)

Q1.b What is EIA? Explain the scope of EIA. (7)

OR

Q1.c Discuss Lithosphere as the basic component of environment. (8)

Q1.d Explain man and nature relation and its interaction with respect to food and clothing. (7)

Q2.a What are different types of resources? (8)

Q2.b What are the social factors responsible for the environmental degradation? (7)

OR

Q2.c What is E-waste? What are the different sources of E-waste? Mention some effects of the same. (8)

Q2.d What is Environmental Audit? What are its different tools? (7)

Q3. Read The following case study and answer the questions below (15)

A dumping site is overflowing .As per the hazardous Waste Management rules 1989 companies are responsible for the safe disposal of toxic and nontoxic waste. There are at least 25 chemical companies in that locality .As per the rules, hazardous waste should not be dumped in the dumpsite.

As per the Secretary of pollution control board, you are responsible for maintaining the dumpsite. You recall the last visit of the Minister of Environment forest and reports from abroad as also the subsequent widely discussed report in the paper "Industrial Dumpsites in India-Potential deathtraps. You want to be careful. You cannot afford to have a second report of that nature. When you look back, you also realize that you have more powers now.

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The awareness level is high. There is a well known NGO active in the locality, which can help for monitoring the activity if you fall short of manpower.

**Q1.** What action will you take against the dumpsite?

**Q2.** What kind of accountability will you bring about for the companies in question?

**Q3.** Draft a plan to improve the overflowing dumpsite

**Q4.a** Define the term Disaster. What are the different types of Disasters ? (8)

**Q4.b** Explain briefly ISO14000 (7)

OR

**Q4.c.** Enumerate social and economic dimensions of sustainable development. (7)

**Q4.d** Write Short note on: (8)

i) Greenhouse Gases

ii) Acid Rain