

Course: CHE110::Environment and Ecology**Time Allowed: 03:00 hrs****Max.Marks: 100**

1. This paper contains 9 questions divided in two parts.
2. Part A is compulsory.
3. From Part B & C taken together (i.e. question 3 to 9 attempt any questions out of 7).
4. Attempt all parts of the question chosen.
5. The marks assigned to each question are shown at the end of each question.
6. Answer all the questions in serial order.

Part A

- Q1 (a) What is noise pollution. [2 Marks]
- (b) What is the harmful effect of radioactive pollution on animals ? [2 Marks]
- (c) Name atleast two non-biodegradable waste that can be recycled . [2 Marks]
- (d) What is the significance of air pollution act? [2 Marks]
- (e) What do you meanby disaster mitigation . How it can be done? [2 Marks]
- Q2.(a) What are various physiological effects observed when a person constantly living in an area with high noise level. [5 Marks]
- (b) How the forest can be classified as per their sequences of their exploitation ,give the significance of each type. [5 Marks]
- (c) How over exploitation of natural resources leads to air pollution? [5 Marks]

Part B

- Q3.** What are various types of forests found on earth , describe about their location ,environmental conditions and species found in that area. [15 Marks]
- Q4.**(a) Differentiate between point source and condition source of pollution ,give its significance .[5]
(b)Give the various types of pollutants of water, explain how each of these pollutes water body.[10] [15 Marks]
- Q5.**Explain various land pollution sources ,pollutants and their effects on environment. [15 Marks]
- Q6.**What is disaster management? What are the pre and post-management strategies that you can make to control these disasters? [15 Marks]

Part C

- Q7.**(i) Why there is need of wild life protection act? How this help in conservation of biodiversity? [10]
(ii) Why there are problems in implementation of these environmental laws and regulations? [5] [15 Marks]
- Q8.** (i) How you can say that noise pollution is a silent killer? [7]

(ii) How you can do the measurement of noise pollution ? How we can reduce outdoor noise pollution ? [8]
[15 Marks]

Q9. Why biodiversity is so important to us with reference to balance in the ecosystem?
[15 Marks]

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