

ENVIRONMENTAL EDUCATION

(Two Hours)

Answers to this Paper must be written on the paper provided separately.

You will **not** be allowed to write during the first 15 minutes.

This time is to be spent in reading the question paper.

The time given at the head of this Paper is the time allowed for writing the answers.

Attempt all questions from Section A and any four questions from Section B.

The intended marks for questions or parts of questions are given in brackets [].

SECTION A (40 Marks)

Attempt all questions from this Section

Question 1

- W X (a) Write the full form of CNG. State *one* advantage of using it as a fuel. [2]
- (b) Name *any two* natural sources of air pollution. [2]
- (c) Mention *any two* ways in which oceans are useful to us. [2]
- (d) Name *any two* Acts in India that are aimed at the conservation of wildlife. [2]
- X (e) What is *fungicide*? [2]

Question 2

- ✓ (a) Name *any two* traditional water-harvesting methods practised in India. [2]
- ✓ (b) What is an *oil spill*? [2]
- X (c) What is *Eco-efficiency*? [2]
- ✓ (d) Define *Agro forestry*. [2]
- ✓ (e) Mention *two* objectives of watershed management. [2]

Question 3

- ✓ (a) Name the gas that caused the Bhopal gas tragedy. Which organization was responsible for the leakage of this gas? [2]
- ✓ (b) State *any two* advantages of crop rotation. [2]
- ✓ (c) Mention *two* man-made sources of radioactive pollution. [2]
- ✓ (d) Define *eutrophication*. [2]
- X (e) What are sacred groves? [2]

This Paper consists of 3 printed pages and 1 blank page.

Question 4

- (a) Name *any two* water-borne diseases caused by contaminated water. [2]
- (b) Name *any two* gases responsible for the formation of acid rain. [2]
- (c) What is *green manuring*? Give an example. [2]
- (d) What are forest protection committees? [2]
- (e) Suggest *two* renewable energy sources for meeting the energy demand in rural areas. [2]

SECTION B (40 Marks)

Attempt any four questions from this Section

Question 5

- (a) What is *food adulteration*? Give two examples. [4]
- (b) Differentiate between a *National Park* and a *Sanctuary*. [6]

Question 6

- (a) 'Biotechnology has tremendous scope for improving the quality of life'. Discuss some applications of biotechnology that are useful to mankind. [4]
- (b) Write short notes on:-
- (i) Biogas
 - (ii) Solar energy. [6]

Question 7

- (a) Suggest *four* measures to mitigate the various natural and man-made disasters. [4]
- (b) What is *Captive breeding*? Mention *any four* advantages of captive breeding. [6]

Question 8

- (a) Developmental activities like construction of dams and mining lead to displacement of people. Explain *any two* problems faced by these displaced people. [4]
- (b) Briefly explain the following:-
- (i) Compost.
 - (ii) Global warming. [6]

Question 9

- (a) What is the *silent valley movement*? [4]
- (b) Vehicular pollution in cities has become a major nuisance. Suggest *six* measures to reduce this problem. [6]

Question 10

- (a) Describe the importance of Coral reefs in the marine ecosystem. [4]
- (b) Explain the importance of forests to mankind. [6]