
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

- (a) Give the full form of CITES. State its *one* of the objectives. [2]
- (b) List *two* reasons for encouraging judicious use of resources. [2]
- (c) Mention any *two* man made disasters which had an adverse effect on the environment. [2]
- (d) What is *ecotourism*? [2]
- (e) Mention the importance of percolation pits. [2]

Question 2

- (a) Differentiate between *social forestry* and *agro forestry*. [2]
- (b) Write in brief on *Biopiracy*. [2]
- (c) Name any *two* methods used to control air pollution from a cement industry. [2]
- (d) Name any *two* gases that cause the Green House Effect. [2]
- (e) State *two* advantages of crop rotation. [2]

Question 3

- (a) What is the meaning of acid rain? [2]
- (b) What is *biomagnification*? [2]
- (c) List any *two* roles of citizens in enforcing laws. [2]

- (d) What are the *two* methods of ground water recharge other than traditional methods? [2]
- (e) What are *biofertilizers*? Give an example. [2]

Question 4

- (a) What are endangered species? [2]
- (b) List any *two* effects of thermal pollution on water bodies. [2]
- (c) State the importance of educating consumers of their rights giving *two* points. [2]
- (d) Mention any *two* differences between *renewable* and *non-renewable* sources of energy. [2]
- (e) State any *two* effects of oil spills on marine life. [2]

SECTION B (40 Marks)

*Attempt any **four** questions from this Section*

Question 5

- (a) Discuss the various measures that can be taken to conserve wildlife. [6]
- (b) Write briefly about the Bhopal gas tragedy. [4]

Question 6

- (a) What is meant by energy crisis? Give any *four* reasons that contribute to the energy crisis in the world today. [6]
- (b) Explain *any four* alternatives to chemical pesticides. [4]

Question 7

- (a) Discuss the role of Biotechnology in reducing environmental pollution. [6]
- (b) What is *disaster management*?
Explain any *two* measures that can be taken to prevent forest fires. [4]

Question 8

- (a) Briefly discuss how the Warli tribe managed land and forest in a sustainable manner for centuries. [6]

- (b) Write short notes on the following:
- (i) Rehabilitation of people.
 - (ii) Sacred Groves. [4]

Question 9

- (a) *The ever increasing population has put pressure on land and water.*
Suggest *six* measures which will help to conserve water in domestic, industrial and agricultural sectors. [6]
- (b) *Treatment of water is a wise way of controlling water pollution.*
Explain the steps involved in the treatment of wastewater. [4]

Question 10

- (a) Write short notes on the following:
- (i) *Beej Bachao Andolan. (save the seeds movement)*
 - (ii) Effects associated with adulterated food. [6]
- (b) What is meant by *ozone depletion*?
Enumerate any *two* effects of ozone depletion on the environment. [4]