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ICSE Specimen 2013 Environmental Education

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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*? [4]
Enumerate any *two* effects of ozone depletion on the environment.