

ICSE SEMESTER 2 EXAMINATION
SPECIMEN QUESTION PAPER
ENVIRONMENTAL SCIENCE

Maximum Marks: 40

Time allowed: One and a half hours

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

You will not be allowed to write during the first 10 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 three** questions from **Section B**.*

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

SECTION A

*(Attempt **all** questions from this Section.)*

Question 1

Choose the correct answers to the questions from the given options. (Do not copy the question, Write the correct answer only.)

[10]

- (i) The significant features of a pandemic are:
- (a) Affects nearly the whole world.
 - (b) Spreads quickly in humans
 - (c) Caused by an infectious agent that can spread rapidly.
 - (d) All the above
- (ii) Example of in-situ conservation is:
- (a) Zoological parks
 - (b) Gene banks
 - (c) Biosphere Reserves
 - (d) None of the above

- (iii) Liquid fuel obtained from biomass is:
- (a) Kerosene
 - (b) Ethanol
 - (c) Solar energy
 - (d) Electricity
- (iv) Geothermal energy is used for:
- (a) Cooking
 - (b) Bathing
 - (c) Space heating
 - (d) All the above
- (v) Composting is:
- (a) Breakdown of organic waste by microorganism.
 - (b) Sustainable method of waste management.
 - (c) Statement 1 and 2
 - (d) Only statement 2
- (vi) Multinational companies in India:
- (a) Microsoft
 - (b) Infosys
 - (c) IBM
 - (d) All of the above
- (vii) Bhopal Gas Tragedy occurred due to:
- (a) Nuclear explosion
 - (b) Castor bean
 - (c) LPG
 - (d) Methyl Iso Cyanate

- (viii) Global environmental Facility focuses on:
- (a) Conservation of loss on biodiversity
 - (b) Empowerment of women
 - (c) Family planning
 - (d) None of the above
- (ix) Adopting alternative technology:
- (a) Lavish lifestyle
 - (b) Use of material that are recyclable
 - (c) Survey of waste land
 - (d) Genetic engineering
- (x) The G20 Summit held in October 2021 was held in _____.
- (a) Rome
 - (b) Argentina
 - (c) Riyadh
 - (d) None of the above

SECTION B

(Attempt any three questions from this Section.)

Question 2

- (i) Define hotspot biodiversity. [2]
- (ii) What happens when we accumulate waste in our environment? [2]
- (iii) State any three advantages of nuclear energy. [3]
- (iv) What are the main characteristics of a Multi-National Company? [3]

Question 3

- (i) Mention any two advantages of landfills. [2]
- (ii) What are the primary objectives of a Multi-National Company? [2]

- (iii) State any three applications of Remote Sensing Satellites. [3]
- (iv) What is extinction? State any two effects of extinction. [3]

Question 4

- (i) What is the concept of sustainable development? [2]
- (ii) Why do we need to be concerned about biodiversity conservation? [2]
- (iii) Why is CNG used as a fuel in transport vehicles? [3]
- (iv) 'Waste is one of the most urgent problems facing urbanization.' Justify. [3]

Question 5

- (i) Name any two energy saving devices. [2]
- (ii) List any two options to reduce solid waste in our environment. [2]
- (iii) State any three disadvantages of Multi-National Company to the host countries? [3]
- (iv) What are the three main concepts of sustainable development? [3]

Question 6

- (i) Define Multinational Corporations. [2]
- (ii) What is the main aim of the Earth Summit? [2]
- (iii) State any three reasons why wetlands are valuable? [3]
- (iv) What is the need for alternative energy sources? [3]