

**ICSE SEMESTER 2 EXAMINATION**  
**SPECIMEN QUESTION PAPER**  
**ENVIRONMENTAL SCIENCE**

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*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.*

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*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 [ ].*

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**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]