

SpellIndia

INDIA'S **1**  
No.

**SPELLING BEE**

Preparatory Study Material  
Provider

[www.phonicsestore.com](http://www.phonicsestore.com)

ICSE ACADEMY  
[www.spellbeeacademy.com](http://www.spellbeeacademy.com)



**PREPARE**

for

**ICSE**

Class 10

**Environmental  
Science**

Questions ONLY

A Collection  
of Questions  
from Prelim  
exam papers of  
various  
ICSE schools



# ICSE ACADEMY: How to Prepare for ICSE Class 10 exams

<https://www.spellbeeacademy.com/icse.html>



## How to Prepare for ICSE Class 10 exams : Free Resources

Please click on subject to proceed further.

We will keep adding resources here till "March 2026".

So, save this link, keep visiting and stay updated.

( Resources include : Syllabus, Past Year Papers, Specimen Papers, Competency based Questions, Books pdf downloadable, 350+ Term Papers / Prelim Papers of various schools - across subjects, etc. )

- |                          |                       |                          |                       |
|--------------------------|-----------------------|--------------------------|-----------------------|
| 01 English Literature    | 02 English Language   | 03 Geography             | 04 History & Civics   |
| 05 Physics               | 06 Chemistry          | 07 Mathematics           | 08 Biology            |
| 09 Computer Applications | 10 Physical Education | 11 Hindi                 | 12 Commercial Studies |
| 13 Economics             | 14 Technical Drawing  | 15 Environmental Science | 16 Home Science       |
| 17 Gujarati              | 18 Marathi            | 19 French                |                       |

SCAN QR code to buy the book at amazon NOW.

SpellIndia  
INDIA'S No. 1 SPELLING BEE  
Preparatory Study Material Provider  
www.spellindia.com

ICSE ACADEMY  
www.spellbeesacademy.com

**Pati's**

**PREPARE**  
for  
**ICSE**  
Classes 9 & 10  
**ENGLISH GRAMMAR**  
(Includes : Board Specimen Papers of 5 years & Competency-focused questions)

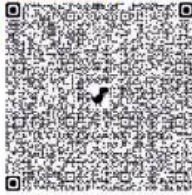
**28**  
YEARS  
Past Questions

**75**  
Practice TESTS

Author is the **1st** individual to write preparatory books on various topics of "multiple" Spelling Bee competitions in India. He has written the Maximum Number of Spelling Books as well as Tests in the world.

Authoring by **ICSE Author** 2024-2027 exams

**Debashis Pati**  
ing / Vocabulary / Grammar Olympiad Exam conductor.



SpellIndia  
INDIA'S No. 1 SPELLING BEE  
Preparatory Study Material Provider  
www.spellindia.com

ICSE ACADEMY  
www.spellbeesacademy.com

**Pati's**

**PREPARE**  
for  
**ICSE**  
Class 10  
(Acts 3 to 5 only)  
**Julius Caesar**

**1000+**  
Practice QUESTIONS\*


**30**  
Practice TESTS  
(Practise exam questions of 30 minutes)

# Past Years' Questions (13 years: 1960 onwards)  
# Competency focused Questions (1 year)  
# Multiple choice Questions (850+ nos\*)  
# Extract based Questions (85+ extracts\*)  
\* includes the questions in the 13 past years' questions and the 30 Tests.

Authoring by **ICSE Author** 2024-2027 exams

**Debashis Pati**  
Author is the **1st** individual to write preparatory books on various topics of "multiple" Spelling Bee competitions in India. He has written the Maximum Number of Spelling Books as well as Tests in the world.

ing / Vocabulary / Grammar Olympiad Exam conductor.



SpellIndia  
INDIA'S No. 1 SPELLING BEE  
Preparatory Study Material Provider  
www.spellindia.com

ICSE ACADEMY  
www.spellbeesacademy.com

**Pati's**

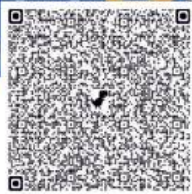
**PREPARE**  
for  
**ICSE**  
Class 10  
**HINDI GRAMMAR**  
# 350+ Sample practice questions & # 51 Tests

**350+**  
SAMPLE QUESTIONS

**51**  
TEST PAPERS

Authoring by **ICSE Author** 2025 / 2026 onwards

**तामसी पति**  
**Tamasee Pati**



SpellIndia  
INDIA'S No. 1 SPELLING BEE  
Preparatory Study Material Provider  
www.spellindia.com

ICSE ACADEMY  
www.spellbeesacademy.com

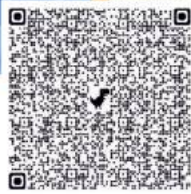
**Pati's**

**PREPARE**  
for  
**ICSE**  
Class 10  
**CIVICS**  
The TESTS are based on the Prelim / Pre-board papers of various schools. Answers are provided for all.  
Competency Based Questions and 3 Specimen Papers are provided.

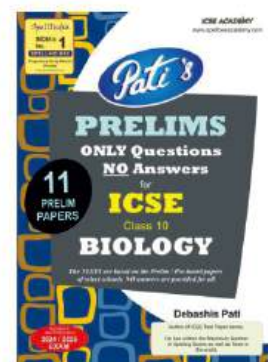
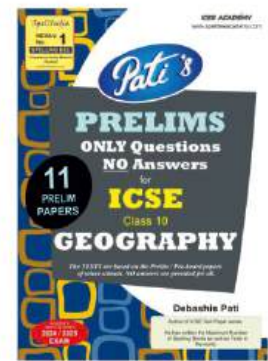
**40**  
TEST PAPERS

Authoring by **ICSE Author** 2024 / 2025 EXAM

**Debashis Pati**  
Author of ICSE Test Paper series. He has written the Maximum Number of Spelling Books as well as Tests in the world.



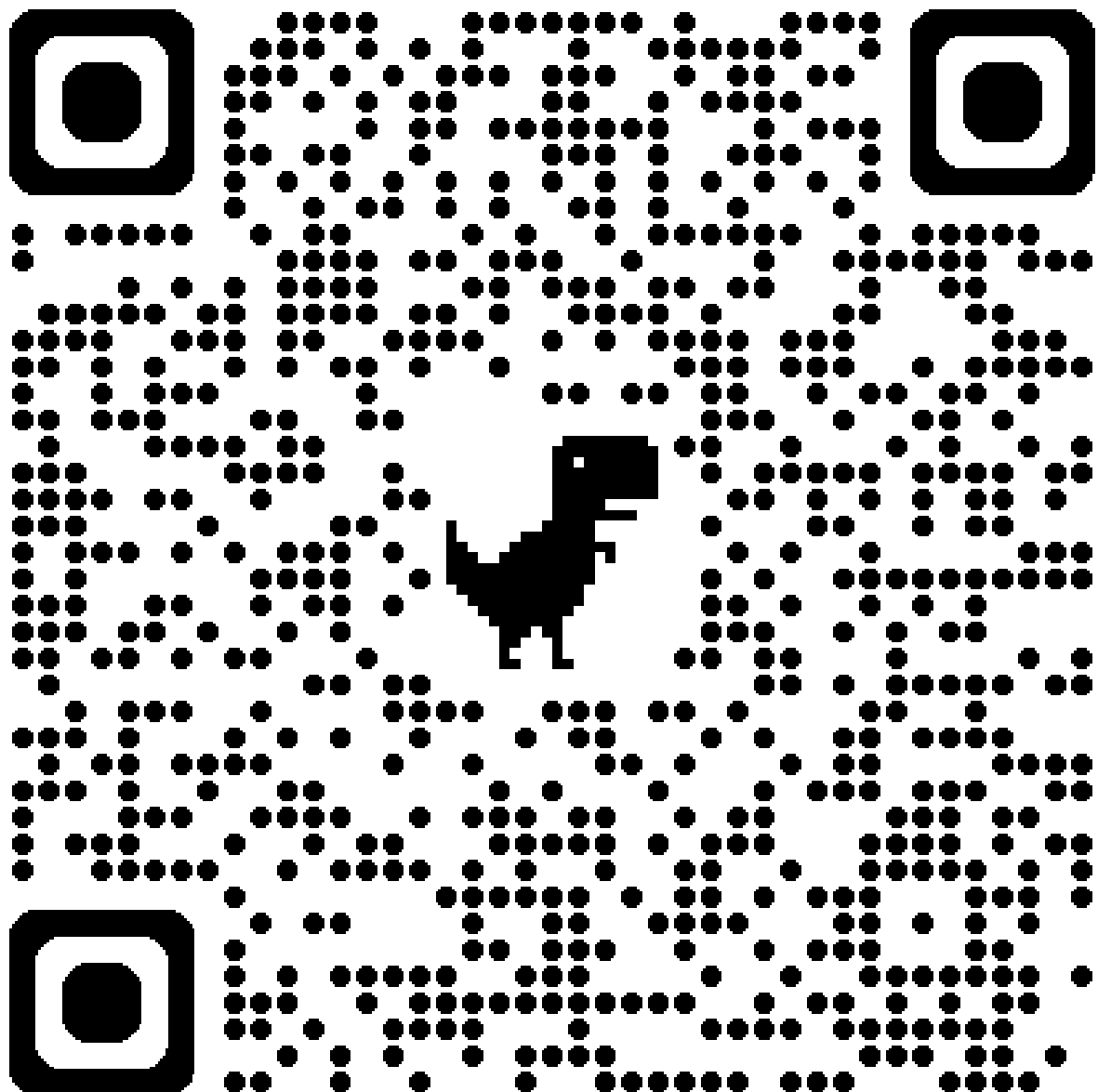
# Scan QR code for Free Access to 500+ Prelim Papers across 20 subjects



# Prepare for ICSE CLASS 10 Environmental Science

## Free Resources

### SCAN QR CODE Now





**PREPARE**

for

**ICSE**

Class 10

**Environmental  
Science**

Questions ONLY

A Collection  
of Questions  
from Prelim  
exam papers of  
various  
ICSE schools

**Sub: Environmental Science**

**STD: X**

**Marks: 80**

**Time: 2 hrs**

*Answer to this paper must be written on the paper provides separately.*

*You will not be allowed to write during 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**

Choose the correct answers to the questions from the given options.

[16]

(Do not copy the question, write the correct answers only)

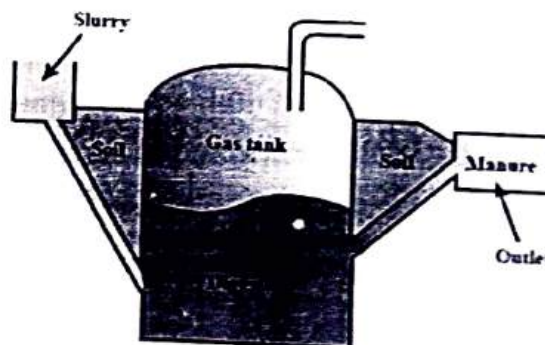
(i) In-situ conservation is a means:

- (a) to provide a habitat for animals in the zoo.
- (b) to protect and restore species in National parks and Sanctuaries.
- (c) to conserve species that do not survive in the wild.
- (d) to maintain endangered plants and animals under artificial conditions.

(ii) The following question (ii and iii) are based on the figure given below. Answer these questions by choosing the correct option.

The figure shows a structure from which a fuel is generated. Name the fuel generated from this structure.

- (a) Gasoline
- (b) Biodiesel
- (c) Biogas
- (d) LPG



- (iii) How is this fuel obtained? It is obtained:
- (a) by burning of coal
  - (b) by decomposition of agricultural waste, cow dung and leaves.
  - (c) by breaking down of crude oil
  - (d) by decomposition of sugar cane molasses
- (iv) Select the INCORRECT feature of botanical gardens from the options given below:
- (a) They are water intensive
  - (b) They require a high degree of knowledge
  - (c) They may be susceptible to disease
  - (d) They are relatively inexpensive to maintain.
- (v) The Ramsar Convention, 1971, an International Treaty was held for the conservation of:
- (a) Soil
  - (b) Forests
  - (c) Threatened species
  - (d) Wetlands
- (vi) **Statement A:** Presently, chemical fertilisers are more popular as compared to organic manure.  
**Statement B:** Chemical fertilisers are easier to apply, cost-effective and contain three main elements: phosphorus, potassium & nitrogen.
- (a) Both Statements A & B are incorrect.
  - (b) Statement A is correct, and Statement B is incorrect.
  - (c) Statement A is correct, and Statement B is the reason for A.
  - (d) Statement A is correct, and Statement B is not the reason for A.
- (vii) Around 25 large trees by the side of a water body in the Nalban fisheries area near Salt Lake, Kolkata, have allegedly been chopped down.  
(Source: *The Times of India, Kolkata, 19 February 2024.*)  
The above incident may have been caused by:
- (a) poor land management.
  - (b) the enormous increase in population.
  - (c) the roots of the trees become weak due to soil erosion.
  - (d) termite infestation at the roots of the trees.

(viii) Mr. X bought a motorbike with a four-stroke engine. Mr. Y bought a motorbike with a two-stroke engine. Mr. Z bought a car with a catalytic converter.  
Name the persons who are likely to contribute less to air pollution.

- (a) Only X.
- (b) Only Y.
- (c) X and Z.
- (d) Z and Y.

(ix) Integrated Rural Development Programme is a self-employment programme of the Government of India to raise the income generation capacity of the poor. Which scheme is undertaken under this programme?

- (a) Urban Sanitation Programme.
- (b) International Food for Work Programme.
- (c) Training of pensioners for self-employment.
- (d) Development of Women and Children in Rural areas.

(x) Ram performed a waste audit in his local community and found that it could pose a risk to human health. Which of the following four tenets (4R's) did he implement to manage the waste?

- (a) Rewrite, Reuse, Reduce, Rewarm
- (b) Rejoice, Reduce, Rewrite, Reuse
- (c) Rewarm, Recycle, Refuse, Rejoice
- (d) Refuse, Reuse, Recycle, Reduce

(xi) What was the main reason behind Bhopal Gas Tragedy?

- (a) Lack of maintenance of safety related measures and contingency plan.
- (b) Lack of ethics on the part of management of Union Carbide
- (c) Lack of Control of Central Government on Union Carbide, an MNC.
- (d) Lack of Control of State Government on Union Carbide, an MNC.

(xii) Which of the following is NOT an alternative energy source?

- (a) Coal power plants
- (b) Hydroelectric power stations
- (c) Wind energy
- (d) Solar energy

(xiii) The Red list of Threatened Species is connected with which of the following:

- (a) Wildlife Protection Act, 1972
- (b) Project Tiger, 1973
- (c) International Union for Conservation of Nature
- (d) Ramsar Convention, 1971

(xiv) Select the INCORRECT statement from the options given below about

Agroforestry:

- (a) It has a wide range of ecological goods and services.
- (b) It leads to decrease in total yields.
- (c) It helps to bind the soil and reduce soil erosion.
- (d) It reduces deforestation and pressure on forests by supplying fuel wood.

(xv) Which of the following steps have been taken to protect the Taj Trapezium? Choose the incorrect option.

- (a) Creation of a green buffer zone to reduce pollution
- (b) Kerosene fuel for all households
- (c) Closure of all brick kilns which use coal as fuel
- (d) Battery operated buses for tourists.

(xvi) **Assertion (A):** Windbreaks usually consist of alternate rows of trees and shrubs.

**Reason (R):** Windbreaks around a field can raise the cost of heating and cooling and save energy.

- (a) Both (A) and (R) are true, and (R) is the correct explanation for (A).
- (b) Both (A) and (R) are true, but (R) is not the correct explanation for (A).
- (c) (A) is true, and (R) is false.
- (d) Both the (A) and (R) are false.

## Question 2

- (i) Analyse the role of small-scale industries in providing employment opportunities in rural and urban areas. How does this contribute to poverty alleviation? [2]
- (ii) Chinese manufacturers discovered a market for their plastic toys in India, where the price point for toys is higher. With their creative designs and lower pricing, these plastic toys made in China have now become more popular in Indian markets. Regarding the information given above, is it an example of an unfair trade? Why? [2]
- (iii) Mention the significance of the core & buffer zone of the Nilgiri Biosphere Reserve. [2]
- (iv) Study the following image and answer the questions that follow: [2]
  - (a) Identify the farming technique that is associated with improving the crop yield from the given image.
  - (b) Write one benefit of the above farming technique.



### Question 3

- (i) A developing nation is aiming to reduce its dependence on imported fossil fuels while improving air quality. Evaluate the feasibility and effectiveness of transitioning the public transportation system to CNG in achieving these goals compared to other alternative fuels. [2]
- (ii) "The Delhi traffic police aim to maximise data analytics solutions to optimise vehicular movement in the city and reduce congestion." [2]  
In the context of the given information, what are two possible measures the Delhi traffic police can encourage to reduce traffic congestion in the city?
- (iii) Today, the GEF is an independently operating financial organisation that is working to improve the global environment. Enlist the objectives of the Global Environmental Facility that supports the statement above. [2]
- (iv) Read the passage and answer the following questions: [2]  
Vermiculture, also known as worm farming, involves the use of earthworms for composting organic wastes. Earthworms can consume practically all kinds of matter, and they can eat their body weight per day. The compost takes about a month to get ready and contains water-soluble nutrients.
- (a) Why is vermicomposting important to a farmer?  
(b) Name two nutrients rich in the excreta (castings) of the worms.

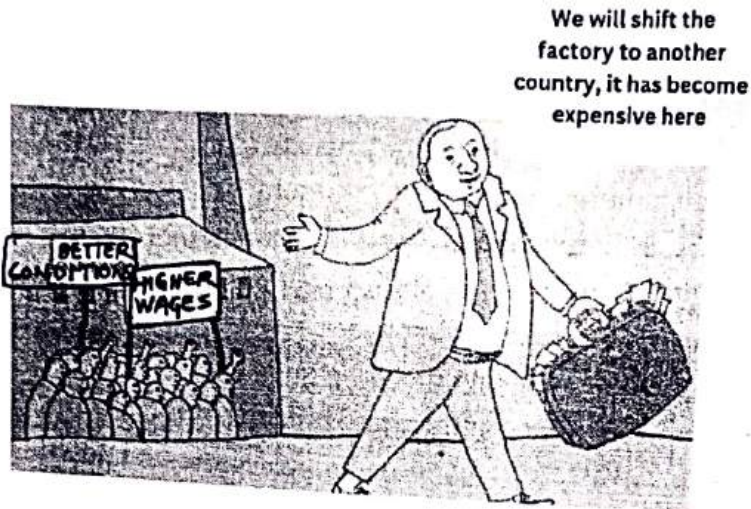
### Question 4

- (i) Remote sensing satellites are effective in environmental protection. Give two reasons in support of your answer. [2]
- (ii) What are tree crops? How are they useful? [2]
- (iii) How is gene bank helpful? [2]
- (iv) Name four components of INSP. [2]

**SECTION B**

*(Attempt any four questions from this section.)*

**Question 5**



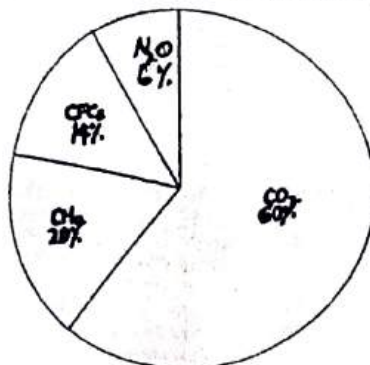
- (i) Answer the questions based on the picture above: [5]
- (a) Name the type of companies or businesses that operate in more than one nation.
  - (b) Why, according to you, would he want to shift this factory to another country?
  - (c) State any two advantages of spreading out production across the borders.
- (ii) Poverty is not only the lack of money but the lack of access to basic human needs like food, shelter, clothing, education, healthcare, etc. Analyse the impacts of poverty that hinder development and growth within a country. [5]

**Question 6**

- (i) When it comes to global climate change, livestock grazing can be either a blessing or a curse, according to a new study, which offers clues on how to tell the difference. (Source: David L. Chandler | MIT News, March 15, 2024.) [5]
- (a) Highlight two consequences of overgrazing.
  - (b) State three measures to control the menace.
- (ii) List five key factors that are important for town planners to keep in mind while developing a sustainable urban environment. [5]

(i) Observe the figure carefully and answer the following questions:

[5]



- Observe the greatest amount of gas from the diagram and name the international agreement which commits its parties to reduce.
- Name the environmental agreement ratified by a few governments to reduce the substance shown 14% in the diagram.
- Give any two sources for the gas shown 20% in the figure.
- How would you add nitrate content in the soil by nature?

(ii) Singapore court gets tough on rhinoceros smuggler. It was Singapore's largest seizure of rhino horns (20 pieces) smuggled via air that transited in the island nation en route from Johannesburg, South Africa, to LAO PDR in 2022. [5]

(Source: Traffic.org, 2nd February 2024)

- Name the convention that banned the trade of rhino horns.
- Mention the main objective of this convention.
- Give three points on how harvesting wildlife for commercial purposes can be done sustainably.

### Question 8

(i) SECI (Solar Energy Conservation of India Ltd.) unveils India's largest solar battery project pioneering renewable energy innovation in Chhattisgarh. [5]

(Source: PIB, New Delhi, 24th February 2024)

- Based on the news above, mention any three reasons for promoting solar power in India.
- State two limitations of solar power which might be challenging for the project.

(ii) State any five significant achievements of Ralegaon Siddhi Model started by the Maharashtra Government for the betterment of the villages. [5]

### Question 9

(i) Illustrate the role of NGO's towards Sustainable development. [5]

(ii) What is Integrated Pest Management? List any four aims of IPM. [5]

**ENVIRONMENTAL SCIENCE– STD X**

Maximum Marks: 80

Time allowed: 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.

This Paper is divided into two Sections.

Section A is compulsory.

Attempt any four from Section B

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

**SECTION A**


(All questions are compulsory)

**Question 1**

[16]

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

- (i) Which one of the following is a technique for controlling soil erosion?  
 (a) Contour ploughing  
 (b) Reforestation  
 (c) Energy Plantation  
 (d) Use of inorganic fertilizers.
- (ii) \_\_\_\_\_ is not an example of in situ conservation.  
 (a) National Park  
 (b) Botanical garden  
 (c) Wildlife sanctuaries  
 (d) Biosphere reserves
- (iii) Which of the following restricts the use of drip irrigation?  
 (a) Clogged drippers  
 (b) Salting increases  
 (c) The initial cost of a drip irrigation system is high  
 (d) All the above
- (iv) Water logging is a phenomenon in which:  
 (a) Crop patterns are rotated  
 (b) Erosion of soil takes place  
 (c) Soil root zone becomes saturated due to over-irrigation  
 (d) None of the above
- (v) City council is planning to have an awareness campaign to address the issue of Waste Management in the Urban area. As a student which strategy would you recommend to reduce Waste?  
 (a) Ban plastic.  
 (b) Increase the number of dustbins in the city.  
 (c) Reduce, Reuse, Recycle and Repurpose the waste.  
 (d) Mix wet and dry waste

- (vi) The benefits of satellite image is:  
(a) It helps in managing the disaster.  
(b) Vast data can be easily collected  
(c) The data is processed quickly by the computer  
 (d) All of the above
- (vii) The reason for poor standard of living and malnutrition in India is:  
 (a) Over population  
(b) Environmental conditions  
(c) Absence of natural resources  
(d) Poor economy of rural India
- (viii) The figure given alongside refers to a major International Conference on environment. This was held in:  
(a) Kyoto in Japan  
 (b) Rio de Janeiro in Brazil  
(c) Cairo in Egypt  
(d) Montreal in Canada
- 
- (ix) Global food imbalance is due to:  
(a) Over cultivation  
(b) Monocropping  
(c) Crop rotation  
 (d) Inequality in the distribution of surplus produce
- (x) Rearrange the following steps in the ascending order that trace the rate of solid waste management:  
Step i : Transportation of waste  
Step ii: Collection of waste  
Step iii: Waste disposal  
Step iv: Segregation of waste  
(a) Step iv, Step iii, Step ii, Step i  
(b) Step i, Step ii, Step iii, Step iv  
 (c) Step ii, Step iv, Step i, Step iii  
(d) Step iii, Step i, Step iv, Step ii
- (xi) Biogas plants are popular in rural areas because:  
(a) There is plenty of organic raw materials in rural areas.  
(b) It increases the reliance on fossil fuels.  
(c) The farmers are dependent on the manure produced in biogas plants.  
(d) It is a non-renewable source of energy.
- (xii) **Assertion (A):** The satellite imagery is used for collecting data on environmental damage.  
**Reason (R):** This data collection helps in the marketing and selling of forest products.  
(a) Both A and R are true statements  
(b) A is false and R is true  
 (c) Both A and R are true and R is the correct reason for A  
(d) A is true but R is not the correct reason for A

Pick out the incorrect pair from the following:

- (a) Vermicompost → Earthworms
- (b) Farm compost → Farm waste
- (c) Farmyard manure → Cattle dung
- (d) Green manure → Chemical compound

(xiv) The main aim of secondary cities is to reduce:

- (a) Tourism
- (b) Congestion
- (c) Consumption
- (d) Cooperation

(xv) Match Column 1 with Column 2 and choose the correct option from those given below.

**COLUMN 1**

- 1. Montreal Protocol
- 2. CITES
- 3. GEF
- 4. Kyoto Protocol

**COLUMN 2**

- A. Focuses on International waters and its diversion.
- B. Check on greenhouse gas emissions.
- C. Conservation of endangered species.
- D. Control of CFCs to prevent Ozone depletion.

- (a) 1 - A 2 - B 3 - C 4 - D
- (b) 1 - B 2 - C 3 - B 4 - A
- (c) 1 - D 2 - C 3 - A 4 - B
- (d) 1 - C 2 - A 3 - D 4 - C

(xvi) *Food is national security. Food is the economy. It is Employment, Energy, and History. Food is everything.*

According to the slogan, which of the following is not associated with Food Security?

- (a) Food wastage
- (b) Equitable distribution of food
- (c) Food cooking competition
- (d) Food Aid

**Question 2**

- (i) Write two important causes of air pollution. 2 [2]
- (ii) What factors can change the demography of a country? 2 [2]
- (iii) How can private enterprises help in improving cities? 2 [2]
- (iv) State any two advantages of Tree Planting. 2 [2]

**Question 3**

- (i) Write the expanded form of IPM and the aim of this program. 2 [2]
- (ii) State any two ways in which biotechnology has helped agriculture. 2 [2]
- (iii) What is radioactive fallout? Why is it dangerous? 2 [2]
- (iv) What are the two unfair trade practices of the developed countries? 1 [2]

**Question 4**

- (i) Expand PETA. State any one important function of PETA. [2]
- (ii) How is organic manure made? State *one* benefit of organic manure. [2]
- (iii) State *two* steps that must be taken to achieve global food security. [2]
- (iv) Write *one* advantage and *one* disadvantage of geothermal energy. [2]

**SECTION B (Marks)**

*(Attempt any four questions this section)*

**Question 5**

- (i) Discuss five ways in which Biodiversity maintains the balance in the environment. [5]
- (ii) Define sustainable development. Write any four ways of making your city sustainable. [5]

**Question 6**

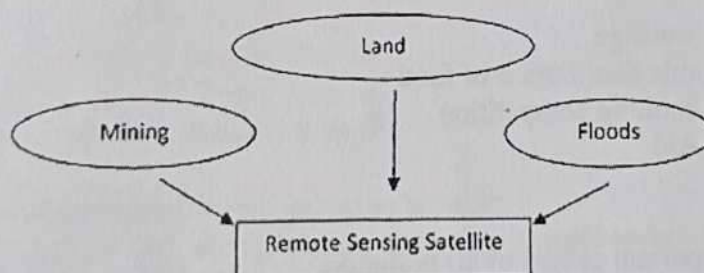
- (i) Discuss any four conditions put forward by the Governments of developing countries for Multi-National Companies to fulfil before entry into their markets. Give one example of a Multi-National Company in India. [5]
- (ii) 'Biogas is produced by fermentation of biodegradable wastes.' [5]  
Mention any three advantages and any two disadvantages of using biogas. 9

**Question 7**

- (i) Define International Trade. [5]  
Mention three ways in which International Trade can reduce global inequalities and thereby help the developing nations.
- (ii) Differentiate between ex-situ and in-situ conservation. Give one example of in-situ conservation. [5]  
Write any two advantages of in-situ conservation 5 9

**Question 8**

- (i) State the aims of Integrated Plant Nutrient Management? [5]
- (ii) [5]



Suggest five reasons why has the above technology become very prominent and beneficial

**Question 9**

- (i) Read the following abstract and answer the questions that follow. [5]

*As the world becomes more and more urbanized, it's important to understand the effects this has on both people and nature.*

*Cities are engines of growth, but they also come with a cost. In this blog post, we'll explore some of the ways urban populations can impact our environment and our health. Urbanization is changing our planet – for better or for worse?*

*(Source) May 16, 2022 | Global Issues, Social Issues, Sustainability*

Write two reasons which make people move to cities.

What impact does Urbanization have on the environment of the city?

- (ii) What is an energy plantation? List any four advantages. [5]

**Question 10**

- (i) What do you understand by Global interdependence? Suggest three ways by which international cooperation can help in achieving a sustainable future [5]

- (ii) What is composting? Mention any three of its advantages [5]

😊😊😊😊😊😊😊😊😊😊All the best😊😊😊😊😊😊😊😊😊😊

**STD: X**

**MARKS: 80**

**TIME: 2 Hrs + 15 Min. Reading Time.**

---

*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**

*(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.) [16]

(i) Disposal of any kind of electrical and electronic waste is called

- (a) Waste
- (b) Domestic waste
- (c) Vegetable waste
- (d) e-waste

(ii) Deforestation generally decreases the \_\_\_\_\_

- (a) Rain fall
- (b) Drought
- (c) Global warming
- (d) Soil erosion

(iii) Biogas is which type of natural resource?

- (a) Non-Renewable
- (b) Inexhaustible
- (c) Non-conventional
- (d) Both a) and c)

(iv) A species restricted to a given area is called \_\_\_\_\_

- (a) Endemic species
- (b) Allopatric species
- (c) Sympatric species
- (d) Sibling species

(v) Thermal pollution is caused by -

- (a) Domestic Sewage
- (b) Nuclear Power Plant
- (c) Hydroelectric Power
- (d) All of the above

The most important reason for decrease in biodiversity is -

- (a) Habitat pollution
  - (b) Habitat destruction
  - (c) Introduction of exotic species
  - (d) Over-exploitation
- (vii) The Provisions of Wild Life Protection Act are
- (a) Prohibit killing and hunting of specified animals
  - (b) Constitute sanctuaries, national parks, and closed areas for wildlife conservation
  - (c) Special scheme for preservation of endangered species
  - (d) All the above
- (viii) Dodo is \_\_\_\_\_
- (a) An Endangered species
  - (b) An Extinct species
  - (c) A Critically endangered species
  - (d) A Rare
- (ix) What is full form of CFC?
- (a) Chlorofluorocarbon
  - (b) Chlorinefluorocarbon
  - (c) Chlorofluridcarbon
  - (d) Chromatefluorocarbon
- (x) LED stands for \_\_\_\_\_
- (a) Light Emitting Device
  - (b) Light Emitting Diode
  - (c) Light Encryption Device
  - (d) Light Event Detector
- (xi) Assertion (A): Agriculture is affected by global warming.  
Reason (R): Crops cannot adjust to the rise in global temperature.
- (a) A is true and R is false
  - (b) A is false and R is true
  - (c) Both A and R are true but R is not the explanation for it.
  - (d) Both A and R are true and R is the reason for A.
- (xii) How does climate change (global warming) affect human health?
- (a) By increasing illnesses such as heat stress, cardiovascular disease and kidney disease
  - (b) By increasing respiratory illnesses such as asthma and allergies
  - (c) By increasing insect borne infections such as dengue fever
  - (d) All of the above
- (xiii) Green House effect refers to
- (a) Cooling of earth
  - (b) Trapping of UV rays
  - (c) Warming of earth
  - (d) Cultivation of plants

- (xiv) Common energy source in villages is
- (a) Coal
  - (b) Biogas
  - (c) Electricity
  - (d) Wood and animal dung
- (xv) Acid Rain is caused by emissions of the following gas -
- (a) Nitrogen oxide
  - (b) Sulphur dioxide
  - (c) Carbon dioxide
  - (d) Both A and B
- (xvi) Van Mahotsav includes
- (a) Planting and protecting trees
  - (b) Destruction of trees should be curtailed
  - (c) Restoration of green cover
  - (d) All the above

### Question 2

- (i) Name any two clean cooking fuels. [2]
- (ii) Give two disadvantages of mixed cropping. [2]
- (iii) List any two ways by which electricity can be generated without the use of fossil fuel. [2]
- (iv) Name the three R's and explain any one. [2]

### Question 3

- (i) What is smog? State any one ill effect of it. [2]
- (ii) Name the energy that is produced by the rise and fall of the ocean water. What is the advantage of the above stated energy? [2]
- (iii) State two advantages of using public transport system. [2]
- (iv) List any two principles of Sustainable Development. [2]

### Question 4

- (i) What is 'mulching'? [2]
- (ii) *Education is necessary for controlling overpopulation.* [2]  
Justify this statement.
- (iii) How does the electrostatic precipitator control industrial pollution? [2]
- (iv) *Three-quarters of Earth's land became permanently drier in last three decades:* [2]  
UN

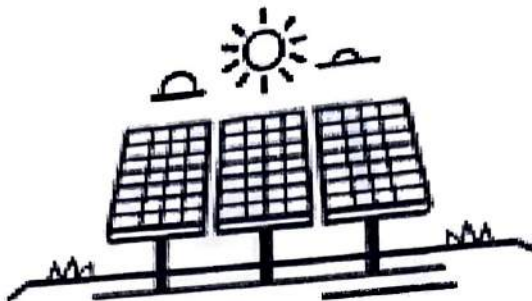
9 December, 2024 Press release

Give any two environmental reasons that you think were the cause for the above news report.

**SECTION B**  
(Attempt any four questions from this Section.)

**Question 5**

- (i) What is Zoning? Mention four ways in which Taj Trapezium is an instance of Zoning. [5]  
(ii) [5]



List any three advantages and two disadvantages of the renewable energy shown in the picture.

**Question 6**

- (i) Suggest five measures to help increase development in villages and thus reduce rural migration to cities. [5]  
(ii) What are Green buildings? Explain any four features of Green buildings. [5]

**Question 7**

- (i) Discuss the relationship between global population and environmental degradation. [5]  
(ii) "Overgrazing is a menace". [5]  
Give three impacts of overgrazing and two measures to control the menace.

**Question 8**

- (i) Discuss any five ways of reducing air pollution caused by industries. [5]  
(ii) What are HYV's? State any two advantages and two disadvantages of HYV's. [5]

**Question 9**

- (i) What is solid waste? List four suitable options to produce less solid waste in our surroundings. [5]  
(ii) Define International Trade. Mention ways in which International Trade can reduce global inequalities and thereby help the developing nations. [5]

Question 10

(i)



[5]

The picture depicts a mechanical practice of farming.  
Where is it practised? State three advantages of terracing.

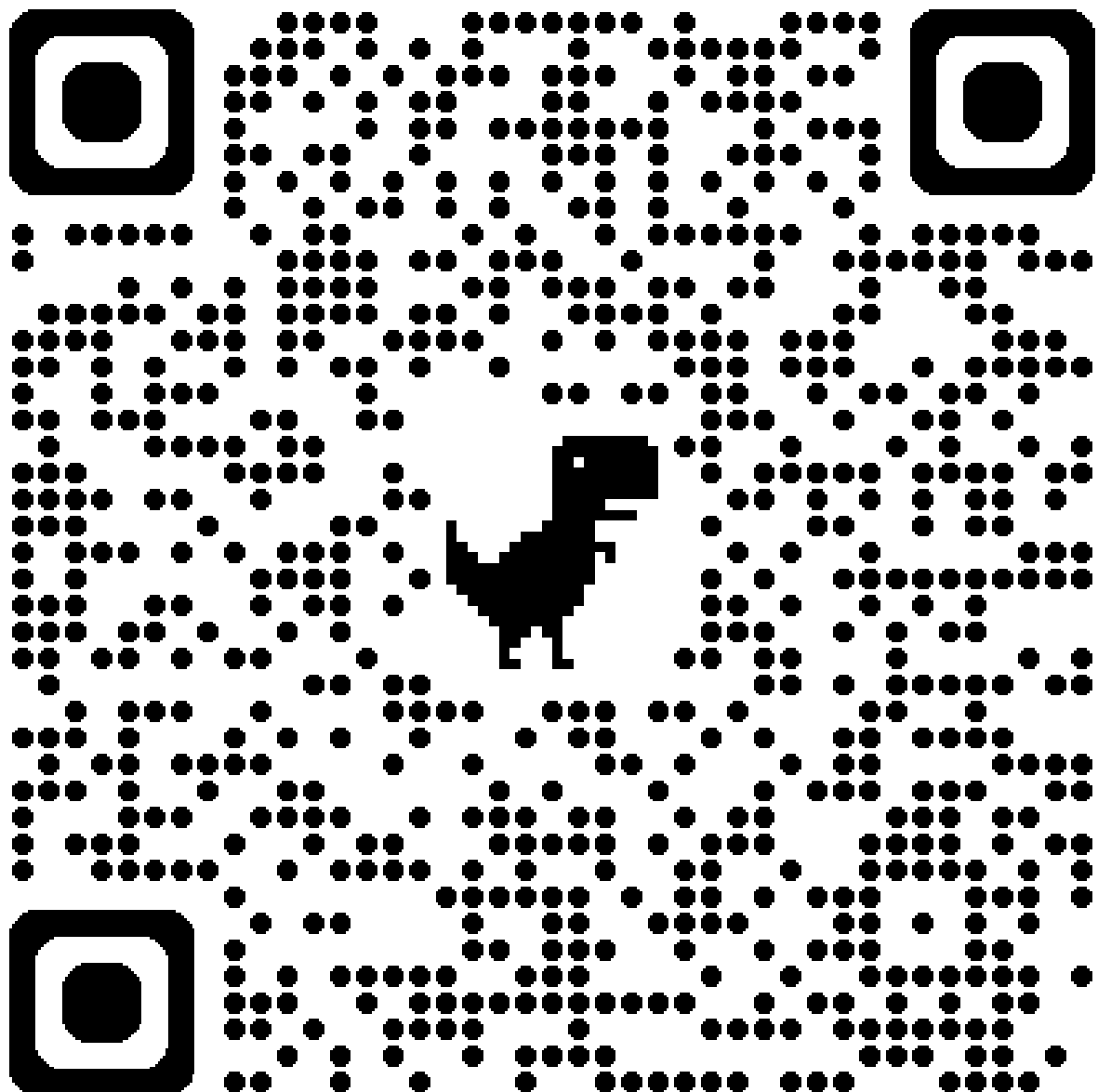
(ii) Discuss the ecological reasons for conserving biodiversity.

[5]

# Prepare for ICSE CLASS 10 Environmental Science

## Free Resources

### SCAN QR CODE Now



# Scan QR code for Free Access to 500+ Prelim Papers across 20 subjects

