

ICSE SEMESTER 2 EXAMINATION
SPECIMEN QUESTION PAPER
ENVIRONMENTAL APPLICATIONS

Maximum Marks: 50

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 four** questions from **Section B**.*

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

SECTION A

*(Attempt **all** questions.)*

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) Interdependence of world's economies and culture is called:
- (a) Globalisation
 - (b) Global warming
 - (c) Global market
 - (d) Global index
- (ii) A development that meets the need of present and future both:
- (a) Sustainable development
 - (b) National development
 - (c) Urban development
 - (d) Rural development

- (iii) The meaning of 'Dastakar' is:
- (a) Art
 - (b) Handicraft
 - (c) Craftsman
 - (d) Craft
- (iv) Gandhigram was founded by:
- (a) Sri Aurobindo
 - (b) Laila Taiyabji
 - (c) T.S. Soudaram
 - (d) Gandhi Ji
- (v) Decentralized governance is:
- (a) Panchayati Raj
 - (b) Zamindari Raj
 - (c) State Governance
 - (d) Central Governance
- (vi) A hand spun cloth:
- (a) khadi
 - (b) Terylene
 - (c) Polyester
 - (d) Nylon
- (vii) The expanded form of EIA is:
- (a) Environment Impact Assessment
 - (b) Economic Impact Assessment
 - (c) Electrical Industries Allianz
 - (d) Electrical Industries Assessment

- (viii) The expanded form of NRA is:
- (a) Natural Resource Accounting
 - (b) Non Resource Accounting
 - (c) Natural Resource Assessment
 - (d) Native Resource Assessment
- (ix) The expanded form of NGO is:
- (a) Non-Governmental Organization
 - (b) No Government Organization
 - (c) Non Global Organization
 - (d) National Government Organization
- (x) Coal is an example of:
- (a) Conventional source of energy
 - (b) Non-conventional source of energy
 - (c) Clean energy
 - (d) Alternate energy

SECTION B

(Attempt *any four* questions)

Question 2

- (i) State any *two* objectives of NGO. [2]
- (ii) What do you mean by natural resource accounting? [2]
- (iii) Mention any *three* objectives of Gandhigram. [3]
- (iv) Who founded Dastakar? State *any two* objectives of dastakar. [3]

Question 3

- (i) What is sustainable development? [2]
- (ii) What is recession? [2]
- (iii) Mention *any three* limitations of modern technology. [3]
- (iv) Mention *any three* initiatives adopted by you to conserve energy. [3]

Question 4

- (i) What is national debt? [2]
- (ii) What is brain drain? [2]
- (iii) State **any three** reasons for developing appropriate and intermediate technology. [3]
- (iv) State **any three** objectives of panchayati Raj. [3]

Question 5

- (i) Mention **any two** positive impacts of globalization. [2]
- (ii) Name **any two** sectors where EIA can be applied. [2]
- (iii) Give **any three** reasons for promoting khadi. [3]
- (iv) What are the **three** principles of sustainability? [3]

Question 6

Study the picture given below and answer the questions that follows.



The picture depicts the Experimental International Community - The Auroville:

- (i) Where is Auroville situated and who founded it? [2]
- (ii) What is the main purpose of Auroville? [2]
- (iii) How were the barren plateau chosen for the future settlement of Auroville got converted into a lush green area? [3]
- (iv) State **any three** sustainable technologies adopted in Auroville. [3]

Question 7

- (i) What do you mean by grassroot upward planning? [2]
- (ii) Mention *any two* limitations of conventional sources of energy. [2]
- (iii) Mention the steps involved in conducting EIA. [3]
- (iv) State the sources of the following energies. [3]
 - (a) Geothermal energy
 - (b) Solar energy
 - (c) Wind energy