



DELHI PUBLIC SCHOOL NEWTOWN
SESSION 2021-2022
HALF YEARLY EXAMINATION

CLASS: IX

**SUBJECT: ENVIRONMENTAL SCIENCE
(PAPER-I)**

FULL MARKS: 50

TIME: 1 Hour 30 Mins

General Instructions:

- The paper consists of *two* printed pages.
 - Answers should be to the point.
 - Copy the question number carefully before answering the questions.
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SECTION A (10 Marks)

Attempt all questions from this Section

QUESTION 1

[2×5=10]

- a. State two ways by which developing countries can achieve sustainability.
- b. Name any two bio-geographic regions of India.
- c. Mention two differences between Urban and Rural poverty.
- d. What are point and non point sources of water pollution? Give examples of each.
- e. Why are tropical rainforests at a threat?

SECTION B (40 Marks)

(Attempt any four questions from this section)

QUESTION 2

- a. What are the dimensions and indicators taken into consideration while calculating MPI? [5]
- b. Explain any five solutions to water shortage in India. [5]

QUESTION 3

- a. Industries and power plants use water to cool machinery and discharge the warm water into the stream. Identify the type of pollution caused and mention some ill effects of the same. [5]
- b. Poverty and environmental degradation forms a vicious cycle. Comment.

[5]

QUESTION 4

- a. Name two flora and fauna found in the tropical rainforest area. What are the four distinct layers of trees in the Tropical Rain Forests? [5]
- b. What is succession? State the differences between primary and secondary succession. [5]

QUESTION 5

- a. What are the different environmental problems? [5]
- b. List down the different causes of species extinction. [5]

QUESTION 6

- a. Mention the adaptations of desert flora and fauna. [5]
- b. “70% of the Oxygen we breathe is produced by the oceans”.
Unfortunately the oceans are under great threat today. Mention some anthropogenic activities which pose a threat to the ocean ecosystem. [5]