



**DELHI PUBLIC SCHOOL NEWTOWN**  
**SESSION 2021-22**  
**MONDAY TEST**

**CLASS: IX**  
**SUBJECT: ENVIRONMENTAL APPLICATIONS**

**FULL MARKS: 40**  
**DATE: 21.06.21**

**General Instructions:**

- The paper consists of *one* printed page.
- Answers should be to the point.
- Copy the question number carefully before answering the questions.

**SECTION I (20 Marks)**

*Attempt all questions from this Section*

**Question 1**

- a. Define population. [2]
- b. What is smog? Mention one ill effect of smog. [2]
- c. What is meant by trophic levels? Who occupies the first trophic level? [2]
- d. Explain the term 'stone cancer'. Why does it occur? [2]
- e. Write one difference between natural and artificial ecosystem. Give two examples of each type. [3]
- f. Name two natural carbon sinks. Why are they so called ? [3]
- g. Who started Vanmahotsav and when? What is its significance? [3]
- h. 'Ubsu', 'Belesu' and 'Balasu' is the slogan of which movement? What do the words mean? What was the aim of the movement? [3]

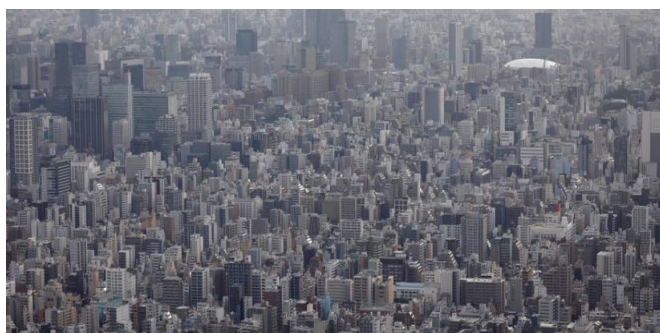
**SECTION II (20 MARKS)**

*(Attempt all questions from this section)*

**Question 2**

- a. Draw and explain the carbon cycle. [5]
- b. Mention the environmental hazards of construction of dams. [5]

**Question 3**



- a. What does the above picture refer to? Mention *four* problems associated with it. [5]
- b. What is a food web? What is the significance of it? Draw a food chain of the marsh community. [5]