

# GREENLAWNS SCHOOL, WORLI

TERMINAL EXAMINATION – 2017

ENVIRONMENTAL SCIENCE

Std: X

Date: 26/09/17

Marks: 80

Time: 2hrs

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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 four** questions from **Section B**.  
The intended marks for questions or parts of questions are given in brackets [ ]

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## SECTION A (40Marks)

Attempt **all** questions from this section.

### QUESTION 1.

- a. Define clean fuels. Give an example of a clean fuel. [2]
- b. What are the objectives of Basel Convention? [2]
- c. List any two advantages of terrace farming. [2]
- d. What are the drawbacks of community participation? [2]
- e. Why is segregation of waste an important process? [2]

### QUESTION 2.

- a. What is urbanization? [2]
- b. List any one advantage and one disadvantage of a catalytic converter. [2]
- c. State the difference between bio fertilizers and chemical fertilizers. [2]
- d. What is contour farming? [2]
- e. Name any two alternatives in paper industry. [2]

### QUESTION 3.

- a. Give any two ways how we can control overgrazing. [2]
- b. Name the major soil conservation strategies. [2]
- c. State any two reasons why bicycles are eco friendly vehicles. [2]
- d. What is bio magnification? [2]
- e. List any two features of a green building. [2]

### QUESTION 4.

- a. Give any two effects of vehicular pollution on environment. [2]
- b. What is IRDP? State its aim. [2]
- c. What are the disadvantages of open dumping? [2]
- d. Give any two effects of soil erosion on water bodies. [2]
- e. List the two broad groups of silviculture system. [2]

**SECTION B (40 Marks)**

Answer **any four** questions from this Section.

**QUESTION 5.**

- a. Explain how public transport helps in controlling air pollution. [5]
- b. Enumerate any five ways to save energy in urban areas. [5]

**QUESTION 6.**

- a. Briefly explain the steps involved in treating waste management. [5]
- b. Write short note on the role of women in rural development. [5]

**QUESTION 7.**

- a. "Deforestation is at an alarming rate which will lead to ecological imbalance." State any five measures that can be taken to combat deforestation. [5]
- b. "Effective traffic management plays an important role in today's society." List the various ways that will help for the smooth movement of traffic. [5]

**QUESTION 8.**

- a. How can private enterprises help in city improvement? [5]
- b. What are bunds in soil management? List any three advantages of bunds. [5]

**QUESTION 9.**

- a. What problems does India face while managing solid waste? [5]
- b. Over grazing is a menace. Give any two consequences of over grazing and any three causes of overgrazing. [5]

**QUESTION 10.**

- a. What are energy plantations? State any three advantages of energy plantations. [5]
- b. What are the advantages of using organic fertilizers and pesticides? [5]

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