

GREENLAWNS HIGH SCHOOL  
TERMINAL EXAMINATION YEAR 2017-18

SUBJECT: ENVIRONMENTAL SCIENCE  
TIME: 2 HOURS

CLASS: X  
MARKS: 80

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 from Section B

The intended marks for questions or parts of questions are given in brackets ( )

SECTION A (40 MARKS)

- Question 1** [10]
- a) State any two advantages of CNG. (2)
  - b) List two alternatives to timber used in paper industry. (2)
  - c) Give the full form of IUCN and mention its 3 key areas. (2)
  - d) Write any two advantages and disadvantages of High Yielding Variety crops. (2)
  - e) List any four steps taken by the Mathura oil refinery to reduce sulphur dioxide emissions. (2)
- Question 2** [10]
- a) Why are four stroke engines considered to be eco friendly? Give two points. (2)
  - b) Explain the term Social forestry. (2)
  - c) Mention any four benefits of Global Biodiversity Conservation Fund. (2)
  - d) List two differences between renewable and non renewable energy. (2)
  - e) State any four sources of Sulphur oxides. (2)
- Question 3** [10]
- a) Mention any four schemes undertaken by Integrated Rural Development Program. (2)
  - b) Name any four factors that helps in control of Particulate Pollutants. (2)
  - c) Write any four negative effects of using alternative fuels. (2)
  - d) What is Crop Rotation? Give its two advantages. (2)
  - e) What do you mean by silviculture? Describe two broad groups of silviculture. (2)
- Question 4** [10]
- a) Differentiate between Primary pollutants and Secondary pollutants. (2)
  - b) Give the full form of CBD. Mention any three goals of CBD. (2)
  - c) Write any four objectives of UN' s International Conference on Population and Development. (2)
  - d) List any four advantages of Wind energy. (2)
  - e) State four reasons why remote sensing satellites are good tools for gathering environmental information. (2)



**SECTION B**  
(Attempt any four)

- ✓ **Question 5** **[10]**
- a) Write - Meaning of acid rain. (5)
    - Four causes
    - Four effects.
  - b) What does the term NGO imply? And list *four* ways in which it contributes to environmental protection. (3)
  - c) Define Dept trap. How did IMF and World Bank planned to encounter it. (2)

- Question 6** **[10]**
- a) Zoning strategies are important to control air pollution. (Give *four* points) (4)
  - b) Mention any six constraints faced by the farmers in the implementation of integrated plant nutrient programme. (3)
  - c) Describe how trickle drip irrigation functions and its *four* advantages. (3)

- Question 7** **[10]**
- a) Describe *any three* natural causes and three man made causes of soil erosion. (3)
  - b) Mention *any three* objectives of protected areas like National Park. (3)
  - c) Distinguish between Nuclear fission and Nuclear fusion. (*four* points) (4)

- ✓ **Question 8** **[10]**
- a) Discuss *any five* measures that are included under traffic management to control air pollution. (5)
  - b) Write *any five* steps that can be taken towards combating deforestation. (5)

- ✓ **Question 9** **[10]**
- a) Discuss *any five* ways by which Multinational companies cause environmental degradation in the developing countries. (5)
  - b) Explain *any four* advantages of Captive breeding. (2)
  - c) What are Shelterbelts? Describe the importance of Shelterbelts. (3)

- ✓ **Question 10** **[10]**
- a) Enumerate in detail *four* consequences of overgrazing. (4)
  - b) Discuss in detail *any three* advantages and *three* disadvantages of Solar energy. (6)