

GREENLAWNS HIGH SCHOOL
TERMINAL EXAMINATION YEAR 2019-20

SUBJECT : ENVIRONMENTAL SCIENCE
TIME : 2 HOURS.

CLASS : IX
MARKS :80

Answers to this paper must be written on the paper provided separately.

You will not be allowed to write for the first 10 minutes.

This time is to be spent in reading the question paper.

Section I is compulsory. Solve all questions.

Section II has 6 questions.

Solve any 4.

SECTION – I

Question 1.

- a) Describe the 3 zones of a pond ecosystem. [2]
- b) List 4 impacts of global warming. [2]
- c) List 4 causes for extinction of species. [2]
- d) Describe the 4 parts of a water harvesting structure. [2]
- e) What do you mean by 'push and pull' factors with respect to urbanisation. [2]

Question 2.

- a) What do you mean by 'bio magnification'. Give an example [2]
- b) List 4 ways to conserve water in agriculture fields. [2]
- c) List 4 effects of air pollution. [2]
- d) Why are nuclear wastes most harmful. [2]
- e) Give the difference between weather and climate. [2]

Question 3.

- a) Explain thermal pollution [2]
- b) Explain primary pollutants and secondary pollutants. Also give an example of each. [2]
- c) List 4 effects of slum development. [2]
- d) List 4 ways to control ozone depletion. [2]
- e) List 4 threats to ground water. [2]

Question 4.

- a) Why are coral reefs called the rainforest of the sea. [2]
- b) Define 'urbanisation'. Give 2 causes [2]
- c) Define air pollution. Name 2 air pollutants. [2]
- d) Describe 4 features of forest ecosystem. [2]
- e) Give 2 differences between social forestry and agroforestry. [2]

SECTION - II
Solve any 4 questions.

Question 5.

- a) What do you mean by 'Rainwater Harvesting'? [6]
Describe the structure of i) Eris ii) Kunds
- b) Explain 4 causes of deforestation. [4]

Question 6.

- a) With respect to green revolution. [4]
i) Who is known as the 'Father of green Revolution'?
ii) Which state in India was selected to be the first to try out Green Revolution? Why?
- b) What are wetlands? Why are they considered to be ecologically important [3]
(4 points)
- c) List 6 effects of smog [3]

Question 7

- a) Describes 4 damaging effects of building of dams. Also name 2 social [4]
movements against the building of dams.
- b) What do you mean by 'Thermal Inversion'? Explain its effect in California. [4]
- c) What do you mean by eutrophication. [2]

Question 8

- a) Give 6 effects of Ozone depletion [3]
- b) What do you mean by 'community participation' Give 4 advantages of [3]
the same
- c) List 4 effects of deforestation. [4]

Question 9

- a) Describe 4 causes of land pollution. [4]
- b) The Tundra region is being threatened due to a number of human activities. [4]
List 4 the effects of the same.
- c) Describe how the following. [2]

Question 10.

- a) What is acid rain. Give 2 causes and 2 effects of the same. [3]
- b) What do you mean by 'sustainable development'. List 4 strategies to [3]
achieve it.
- c) Note on Bhopal Gas Tragedy. [4]