

**GREEN LAWNS HIGH SCHOOL
FINAL EXAMINATION YEAR 2020**

*checked
PSC*

**SUBJECT: ENVIRONMENTAL SCIENCE
TIME: 2HOURS**

**CLASS: IX
MARKS: 80**

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

You will not be able to write for the first ten minutes. This time is to be spent in reading the question paper.

Section I is compulsory section

Section II has 6 questions. Solve any 4

Question 1.

- a) What do you mean by biomass? (2)
- b) What are the 2 categories of a food chain. (2)
- c) Describe the climate of Tundra (2)
- d) Define poverty (2)
- e) How is lead harmful? (2 points) (2)

Question 2.

- a) Define nitrification and denitrification (2)
- b) Define respiration. (2)
- c) How is thermal pollution harmful? (2)
- d) Write a note on 'Kunds'. (2)
- e) What do you mean by ecological niche (2)

Question 3.

- a) Explain albedo effect. (2)
- b) Give 2 advantages of modern agriculture. (2)
- c) Define urbanization. (2)
- d) Give 2 differences between agroforestry and social forestry. (2)
- e) List 4 causes of extinction. (2)

Question 4.

- a) What do you mean by primary and secondary pollutant? (2)
- b) Define extinction (2)
- c) State Darwin's theory of evolution. (2)
- d) Describe coral reefs. (2)
- e) Difference between weather and climate. (2)

SECTION – II

Solve any 4

Question 5.

- a) Describe 4 ways to conserve water in agricultural fields. (4)
- b) Describe the zones of a pond. (3)
- c) List 3 effects of greenhouse gases. (3)

Question 6.

- a) Give 4 effects of soil erosion. (4)
- b) Give 4 ways in which industries cause environmental degradation. (4)
- c) Describe the 4 structures of rooftop harvesting. (2)

Question 7

- a) Describe 4 causes of deforestation (4)
- b) List 4 threats to temperate grasslands (3)
- c) Describe 4 ways to combat deforestation community forestry. (3)

Question 8

- a) Building of dams can be detrimental. Discuss any 3 points. (3)
- b) Air pollution affects our health. Give 3 effects. (3)
- c) List 4 negative effects of chemical pesticides. (4)

Question 9

- a) Write a note on 'green revolution'. (3)
- b) What do you mean by monoculture? Give 4 advantages. (3)
- c) List 4 ways to control ozone depletion. (4)

Question 10

- a) Note on Bhopal Gas Tragedy. (3)
- b) What is push and pull factor with respect to migration. (2)
- c) What do you mean by 'twin peaks' (2)
- d) What do you mean by sustainable development? Give any 2 goals of sustainable development. (3)