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GREENLAWNS HIGH SCHOOL
TERMINAL EXAMINATION 2017-18

SUB : ENVIRONMENTAL STUDIES
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 during the first 10 minutes. This time is to be spent in reading the question paper.

Section I is the compulsory Section. Solve all questions.

Section II has 6 questions. Solve any 4 questions.

SECTION I

Question 1

- a) What do you mean by wood fuel? Name 2 forms it exists in [2]
- b) Define ecological niche. Give their types [2]
- c) How is an eris different from other rain water harvesting systems. [2]
- d) How are catalytic convertors useful? [2]
- e) What do you mean by Liebig Law of minimum. [2]

Question 2.

- a) List 4 activities that causes soil pollution. [2]
- b) What do you mean by green house effect? [2]
- c) What do you mean by intra specific and inter specific interaction [2]
- d) What do you mean by 'eutrophication' [2]
- e) Give the full form of LPG and CNG [2]

Question 3

- a) Name the 4 components of rainwater harvesting [2]
- b) Describe the 2 categories of a food chain. [2]
- c) List 2 causes and 2 effects of overgrazing. [2]
- d) Define resources. Give 2 reasons why resources are getting depleted. [2]
- e) List 4 sources effects of sulphur dioxide. [2]

- Q.4. a) List 4 effects of soil erosion. [2]
b) List 4 threats to ground water. [2]
c) Name 4 macro nutrients required in an ecosystem. [2]
d) How does ozone depletion causes damage to man and environment [2]
e) Draw an ecosystem pyramid to arrange the following in the correct sequence. [2]
community, species, population, ecosystem.

SECTION – II

Solve any 4 from the given 6 question.

Question 5

- a) List 6 ways to combat deforestation [3]
b) 'Building of dams is detrimental' Justify (6 effects) [3]
c) List 4 sources of water pollution. Explain how they are harmful. [4]

Question 6.

- a) Write a note on Bhopal Gas Tragedy (6 lines) [3]
b) List 6 aims of community forestry. [4]
c) List 6 effects of land pollution. [3]

Question 7.

- a) Define an ecosystem. Describe its core functions. [4]
b) List 6 causes of deforestation [3]
c) What do you mean by sustainable development. What are its goals (3 points) [3]

Question 8.

- a) What do you mean by rainwater harvesting. Describe the structure and functioning of a kund. [3]
b) State Darwin's Law of evolution and its postulates [4]
c) List 6 ways to conserve water in the house. [3]

Question 9.

a) With the help of examples explain the following terms. [4]

i) Mutualism

ii) Neutralism

iii) Commensalism

iv) Competition

b) Name 4 major air pollutants. Give 1 effect of each. [4]

c) Name 4 anthropogenic pollutant sources. [2]

Question 10

a) Write a note on Montreal Protocol. [3]

b) Draw a food web (grazing) showing 5 different trophic levels. [3]

c) Explain how nitrogen oxides are harmful. [4]