



GREENLAWNS HIGH SCHOOL  
FINAL EXAMINATION YEAR 2017

SUBJECT : ENVIRONMENTAL SCIENCE  
TIME : 2 HOURS

CLASS : IX  
MARKS : 80

SECTION - I (40 MARKS)

Question 1.

- a) Explain the term Desalination [2]
- b) What is Coral bleaching [2]
- c) Explain **two** broad categories of food chain. [2]
- d) What do you mean by Co-evolution? [2]
- e) Explain any **two** sources of Green house gases. [2]

Question 2

- a) What are the effects of Carbon monoxide as one of the major air pollutants? (Any 2) [2]
- b) Mention the location and extent of Western Ghats. [2]
- c) Mention any **two** ways in which wetlands are ecologically important. [2]
- d) How are Bore wells used as recharging ground water aquifers? [2]
- e) Give any **two** impacts of development of informal sector. [2]

Question 3.

- a) Discuss any **two** environmental damages caused due to large farm units. [2]
- b) Why does the third world neglect environment? [2]
- c) Describe any **two** human activities that cause soil erosion. [2]
- d) What are the **two** causes of acid rain? [2]
- e) Name the main Islands of India Mention the types of forest on each Island [2]

Question 4.

- a) Mention **two** types of fresh water ecosystem. [2]
- b) Explain the process of cellular respiration. [2]
- c) What is the difference between intraspecific and interspecific competition? (2 points) [2]
- d) How can we avoid food wastage in developed countries? (2 points) [2]
- e) Explain the concept of social forestry. (2 points) [2]

Section - 2

[Solve any four from the given six questions]

Question 5.

- a) Discuss any **three** causes of extinction. [3]
- b) Describe the tropic level of an organism in a food chain. [4]
- c) Explain any **three** features of forest ecosystem. [3]

**Question 6.**

- a) Write any **six** features of Deccan Plateau. [6]
- b) Describe the Kund storage system of Rajasthan. [4]

**Question 7.**

- a) Explain the sources of air pollution according to source of origin. [2]
- b) Discuss the impact of Green house effect and global warming. [5]  
(any 5 points)
- c) How does deforestation effects the hydrological cycle? (Any 3 points) [3]

**Question 8.**

- a. Give any **three** points of difference between Developed and Developing countries. [3]
- b. Discuss any **six** impacts of slum development. [3]
- c. Describe any **four** advantages of monoculture. [4]

**Question 9.**

- a. Who is Norman Borlaug? What is his contribution towards agriculture? [4]
- b. What are xerophytic plants? Give 2 examples. [2]
- c. Discuss any **four** negative effects of using chemical pesticides. [4]

**Question 10.**

- a. Enumerate any **three** threats to Tundra ecosystem. [3]
- b. Explain the core functions of the ecosystem [3]
- c. Explain Darwin's Theory of Evaluation by Natural Selection. [4]

X - X - X - X

[Solve any four from the given six questions]

**Question 5.**

- a) Discuss any **three** causes of extinction [3]
- b) Describe the trophic level of an organism in a food chain. [4]
- c) Explain any **three** features of forest ecosystem. [3]