GREENLAWNS SCHOOL, WORLI

TERMINAL EXAMINATION-2019

ENVIRONMENTAL SCIENCE

STD: IX Marks: 80

Date: 01/10 /2019 Time: 2hrs

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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.

The time given at the head of this Paper is the time allowed for writing the answers.

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Attempt all questions from Section A and any four questions from Section B.

The intended marks for questions or parts of questions are given in

brackets [ ]

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SECTION A (40Marks)

Attempt all questions from this section.

**Question 1.**

1. What is a natural ecosystem? Give an example. [2]
2. What is meant by trophic levels? [2]
3. Define Nitrogen cycle. [2]
4. What type of vegetation is found in grassland ecosystem? [2]
5. State the climate of the Thar Desert. [2]

**Question 2.**

1. Name any two causes of poverty in India. [2]
2. What are the pull factors that result in urbanization? [2]
3. Define synergism. [2]
4. What is the role of detrivores in the food chain? [2]
5. State any two benefits of the water cycle. [2]

**Question 3.**

1. Distinguish between the littoral zone and the Limnetic zone of a fresh water pond ecosystem. [2]
2. State any two features of the Deccan plateau. [2]
3. What is PPP? [2]
4. How does urbanization affect civil amenities? [2]
5. What is an ecological niche? [2]

**Questioin 4.**

1. Explain the functional aspect of energy flow in our ecosystem. [2]
2. Mention any two activities that have threatened the wildlife of the tundra ecosystem. [2]
3. Name the two island groups of India. [2]
4. Give two reasons why third world countries neglect the environment. [2]
5. How is modernization responsible for increase in urban population? [2]

**SECTION B (40 Marks)**

Answer **any four** questions from this Section.

**Question 5**

1. What is the impact of slum development in urban areas? [5]
2. Why the pyramid of energy an upright one? [5]

**Question 6.**

1. Describe the carbon cycle. [5]
2. List the main features of the forest ecosystem. [5]

**Question 7.**

1. How are the biotic and the abiotic components of the ecosystem

interrelated? [5]

1. Write a short note on Commensalism [5]

**Question 8.**

1. Explain the wealth gap between developed and developing countries. [5]
2. List any five reasons why species go extinct. [5]

 **Question 9.**

1. ‘Wetlands are an important zone of our ecosystem.’ Mention any the benefits of wetlands and any two human activities that have caused degradation to wetlands. [5]
2. Explain the major zones of the marine ecosystem with the flora and fauna found in each zone. [5]

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