**GREENLAWNS SCHOOL, WORLI**

**FINAL EXAMINATION-2020**

**ENVIRONMENTAL SCIENCE**

**STD: IX Marks: 80**

**Date:17 / 02 /2020 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. State the difference between a fundamental niche and realized niche. [2]
2. Define decomposition. [2]
3. Mention any two reasons for ground water depletion. [2]
4. List any two threats faced by tropical rainforest region [2]
5. What are secondary pollutants? Give an example. [2]

**Question 2**

1. What are CFCS? [2]
2. List any two causes of poverty. [2]
3. What is desertification? [2]
4. How does industrialization benefit rural migrants? [2]
5. State any two demerits of the green revolution. [2]

**Question 3**

1. What is co evolution?
2. [2]
3. Mention any two human activities that are a threat to the tundra region. [2]
4. What is fly ash? [2]
5. List any two ways how Third World governmentscan reduce poverty. [2]
6. State any one advantage and one disadvantage that has lead to the development of slums. [2]
7. **Question 4**
8. Why is the pyramid of energy always upright? [2]
9. How can we conserve drinking water in school? [2]
10. What is the aim of the Montreal Protocol? [2]
11. How does community participation benefit the society? [2]
12. Mention any two main advantages of modern agriculture [2]

**SECTION B (40 Marks)**

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

**Question 5**

1. Define Synergism. Explain what type of an interaction is synergism. [5]
2. Mention the impact of global warming and its effect on the environment. [5]

**Question6**

1. Explain briefly with an example the trophic levels of the organism and its position it holds in food chain. [5]
2. State any two causes and three effects of acid rain. [5]

**Question 7**

1. What are wetlands? State any four ecological importances of wetlands. [5]
2. Define land pollution. List any four causes of land pollution. [5]

**Question 8**

1. What is rainwater harvesting? Explain the two modern techniques of rainwater harvesting. [5]
2. Explain “Environment and poverty are two sides of a coin.” [5]

**Question 9**

1. What is the impact of air pollution on global economy and environment? [5]
2. What are the push and pull factors that are responsible for migration from rural to urban areas. [5]

**Question 10**

1. Discuss how applications of chemical pesticides have harmful effect on agro ecology. [5]
2. What is air pollution? State the different sources of air pollution. [5] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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