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EXAMINATION: DECEMBER - 2023
SEMESTER - I
Sub.: Environmental Studies (BBA22-115)

Date : 23/12/2023   **Total Marks : 60**   **Time: 10.00am to 12.30pm**

Instructions: 1) All questions are compulsory.
2) Figures to the right indicate full marks.

Q. 1.   **Choose the most appropriate option.**   **(05)**

1. --------------------is an example of a biotic component.
    a) soil   b) animal
    c) Air   d) water

2. Natural resources does not include -----------
    a) Minaral   b) Sunlight
    c) Water   d) Plastic

3. ---------------is the source of natural pollution.
    a) Vehicles   b) Industries
    c) Volcanoes   d) Fire crackers

4. ------------------- is defined as "Transfer of energy and nutrients through a succession of organisms through repeated process of eating and being eaten."
    a) Food cycle   b) food chain
    c) Food web   d) None

5. ---------------increases acidity in the soil, threatens human and aquatic life and destroys forests and crops reducing agricultural productivity.

    a) Acid rain   b) Bio-fuel
    c) Solar energy   d) None

Q. 2.   **State True / False**   **(05)**

1. "Western Ghats" is an example of 'Hot Spot' of Biodiversity in India.
    a) True   b) False

2. Volcanic Eruption is an example of Natural Pollution
    a) True   b) False

3. Minimizing the use of Chemical Fertilizers help to reduce the Soil Pollution.
    a) True   b) False

4. Climate Change is the most serious and most difficult environmental challenge that the humanity faces today.
    a) True   b) False

5. Lions and Tigers are highly carnivorous in nature.
    a) True   b) False

Q. 3.   **Write Short notes on (Any Three)**   **(15)**

1. Need of Water Conservation

2. Causes and effects of Noise Pollution

3. Importance of Renewable Energy Resources

4. Economic benefits of forest resources

5.   Adverse effects of air pollution

Q. 4.   **Answer in detail (Any Two)**   **(20)**

1. What are the social issues impact on the Environmental polutions ?

2. What do you mean by Desertification? What are its causes and adverse effects on environment?

3. Define Ecosystem. How the ecosystem is classified? Explain in brief.

Q. 5.   **Case study**   **(15)**

Due to increase in number of vehicles over the years, the city roads in India witness frequent traffic congestions, but above all, the vehicles emitting pollutants are affecting environment badly as most of the vehicles are using Non Renewable Energy Resources. The pollutants like smoke, poisonous gases emitted by the vehicles affecting the quality of air and developing serious health problems.

Questions:-

a) What do you mean by Non Renewable Energy Resources? Explain with the help of suitable examples.
b) Suggest suitable measures to reduce the intensity of Vehicle Pollution.