

**TILAK MAHARASHTRA VIDYAPEETH, PUNE**  
**BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.)**

**EXAMINATION : JUNE - 2022**

**SEMESTER - II**

**Sub. : Environmental Studies (BBA15- 213)**

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**Date : 15/06/2022**

**Total Marks : 60**

**Time: 10.00am to 12.30pm**

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- Instructions:** 1) All questions are compulsory.  
2) Figures to the right indicate full marks.
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**Q. 1. Choose the most appropriate option. (05)**

- Oxygen is returned to atmosphere mainly by\_\_\_\_  
a) Photosynthesis  
b) Burning of coal  
c) Burning of petrol  
d) Solar radiation
- \_\_\_\_of a particular animal or plant species occurs when there are no more individuals of that species alive anywhere in the world - the species has died out.  
a) Evolution  
b) Emigration  
c) Extinction  
d) Immigration
- There are three levels of Biodiversity namely, \_\_\_\_\_, Species and Ecosystem.  
a) Genetic  
b) General  
c) Specific  
d) System
- The main driving force of ecological system is\_\_\_\_  
a) Wind Energy  
b) Solar Energy  
c) Ocean Energy  
d) Geothermal Energy
- Smoke from the Factory is an example of \_\_\_\_\_ pollution.  
a) Natural  
b) Industrial  
c) Vehicular  
d) None

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

- Green House Gases are healthy for our environment.  
a) True  
b) False
- Lower the percentage of salt in the soil, higher the salinity of soil.  
a) True  
b) False
- Earthquakes are predictable.  
a) True  
b) False
- Volcanic Eruption is an example of Natural Pollution  
a) True  
b) False
- Minimizing the use of Chemical Fertilizers help to reduce the Soil Pollution  
a) True  
b) False

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

- Importance of Renewable Energy Resources
- Causes of Soil Pollution
- Threats to Biodiversity

4. Measures to control vehicular pollution
5. Need of Water Conservation

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

1. What do you mean by Desertification? What are its causes and adverse effects on environment?
2. What do mean by Ecosystem? Explain in brief.
3. Describe the key reasons for degradation of world environment today.

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

1. Global warming is a gradual increase in the temperature of the earth surface and atmosphere all around the world. It is caused due to the greenhouse effect of increased level of green house gases such as carbon dioxide, CFCs, etc.

Global warming has hugely impacted the environment and human life to a great extent for many years. The level of sea water is increasing continuously every year and creating fear for the nearby cities, islands and seawater animals. Rainfall pattern has also disturbed which causes drought in some areas and flooding in other areas. Ice caps and glaciers are melting continuously and its level depends on the increased level of temperature. It is causing loss of habitat near to the poles and polar bears have greatly endangered. Wild animals living in the forest are endangered because of their habitat loss due to deforestation.

**Questions :**

- i) What do you mean by Global Warming?
  - ii) What are the adverse effects of Global Warming?
  - iii) How can we reduce the Green House Effect
2. Water pollution happens when toxic substances enter water bodies such as lakes, rivers, oceans and so on, getting dissolved in them, lying suspended in the water or depositing on the bed. This degrades the quality of water. Not only does this spell disaster for aquatic ecosystems, the pollutants also seep through and reach the groundwater, which might end up in our households as contaminated water we use in our daily activities, including drinking. Water pollution can be caused in a number of ways, one of the most polluting being city sewage and industrial waste discharge. Indirect sources of water pollution include contaminants that enter the water supply from soils or groundwater systems and from the atmosphere via rain. Soils and groundwater contain the residue of human agricultural practices and also improperly disposed of industrial wastes.

**Questions**

- i) What are the sources of water pollution?
- ii) What are the adverse effects of water pollution?
- iii) Suggest suitable measures to control the water pollution.

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