

Roll No.

Total Pages : 3

301606

May, 2022

**BBA (Gen.) - VI SEMESTER
Environmental Studies (BBA-GEN-606)**

Time : 3 Hours]

[Max. Marks : 75

Instructions :

1. *It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
2. *Answer any four questions from Part-B in detail.*
3. *Different sub-parts of a question are to be attempted adjacent to each other.*

PART-A

1. (a) (i) Ozone layer depletion is caused by _____.
(ii) Each link in a Food Chain is called _____.
(iii) World Environment Day is observed on _____ every year. (1.5)
- (b) (i) _____ region is a biodiversity hotspot in India.
(ii) _____ is a non-renewable source of energy.
(iii) Chernobyl disaster is associated with _____ radiations. (1.5)
- (c) What is eutrophication? (1.5)
- (d) Write down three impacts of using excessive fertilizers and pesticides on the environment. (1.5)

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- (e) Write a short note on biofuels. (1.5)
- (f) What is red data book? (1.5)
- (g) Expand and define BOD. (1.5)
- (h) What are invasive species? (1.5)
- (i) Describe vermicomposting. (1.5)
- (j) State true or false: Pyramid of energy can wither be inverted or upright. (1.5)

PART-B

2. (a) Write short notes on the following :
 1. Chlorofluorocarbons.
 2. Biodiversity hotspots.
 3. Noise pollution.
 4. Acid Rain. (2.5×4=10)
 (b) Differentiate between renewable and non-renewable sources of energy. Explain with the help of suitable examples. (5)
3. (a) Enumerate the biotic and abiotic components of the ecosystem. Describe the role of biotic components in the functioning of an ecosystem. (5)
 (b) Define food chain and food web.
Describe the flow of energy and materials in the ecosystem. (4+6=10)
4. What is biodiversity? Discuss the importance of biodiversity. Why is it important to conserve biodiversity? Write a short note on the methods to conserve biodiversity. (15)

5. (a) The major threat to India's Environment is the increasing population. Discuss. (5)
 (b) Describe briefly impact of mining on environment. Explain the causes and implication of deforestation. (5+5=10)
6. (a) Define environmental pollution. Discuss five different types of environmental pollution giving suitable examples. (10)
 (b) Discuss different measures to control water pollution. (5)
7. What is ecological succession? Write the general steps occurring during ecological succession. Describe the various stages of succession on rock or water. (15)