



BRAINWARE UNIVERSITY

Term End Examination 2023-2024

Programme – LL.B.-2022/B.A. LL.B.-2022/BBA LL.B.-2023/LL.B.-2023/B.A. LL.B.-2023

Course Name – Environmental Studies

Course Code - ENV102

(Semester I)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

(i) Identify the correct nature of the Chipko Movement

- | | |
|--------------------------------|------------------------------|
| a) Forest Protection Movement | b) Water Protection Movement |
| c) Land Protection of Movement | d) None of these |

(ii) Identify the subsurface sources of water

- | | |
|-----------|-----------------|
| a) Rivel | b) Dug well |
| c) Stream | d) Both a and c |

(iii) Choose the kind of resources fossil fuel and metallic minerals are

- | | |
|---------------------------|-------------------------------|
| a) Renewable resources(N) | b) Non-renewable resources(Y) |
| c) Inexhaustible(N) | d) None of these(N) |

(iv) Identify Sequence of eating and being eaten in a ecosystem

- | | |
|-----------------------|------------------|
| a) Food web | b) Natural cycle |
| c) Ecological Pyramid | d) Food chain |

(v) Choose the correct option where Solar energy can be used for making and functioning of

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|--------------------|------------------|
| a) Pressure cooker | b) Solar cooker |
| c) Rice cooker | d) None of these |

(vi) Identify the Biogas as a type of fuel

- | | |
|---|---|
| a) which is a mixture of gases such as methane, carbon dioxide | b) which is a mixture of liquid such as methane, carbon dioxide |
| c) which is a mixture of elements such as methane, carbon dioxide | d) None of these |

(vii) Identify the three major living components of an ecosystem

- | | |
|---|--|
| a) Producers, consumers and Decomposers | b) Producers, Autotrophs and Decomposers |
| c) Heterotrophs, Consumers and Reducers | d) Detritivores, Consumers and Phototrophs |

(viii) Identify the Example of omnivores

- | | |
|---------|---------|
| a) Lion | b) Hawk |
|---------|---------|

- c) Human
 (ix) Identify the Elements of environment
 a) Nitrogen, Carbon dioxide, Oxygen
 c) Carbon dioxide, Oxygen, Ozone
 (x) Choose the correct name of the secondary pollutant
 a) CO₂
 c) O₃
 (xi) Identify the kind of resources fossil fuel and metallic minerals are
 a) Renewable resources
 c) Inexhaustible
 (xii) Choose the environmental problem that is associated with the excessive use of synthetic fertilizers and pesticides in agriculture
 a) Soil erosion
 c) Air pollution
 (xiii) Identify the region where fresh water meets salt water
 a) Sea
 c) River
 (xiv) Choose one of the following as an example of omnivores
 a) Lion
 c) Human
 (xv) Select when the Convention on Biological Diversity was held
 a) 1990
 c) 1992
- d) Snake
 b) Nitrogen, Oxygen, Ozone
 d) Lithosphere, Atmosphere, Hydrosphere and Biosphere
 b) CO
 d) SO₂
 b) Non-renewable resources
 d) None of these
 b) Water scarcity
 d) Pollution of water bodies
 b) Lake
 d) Estuarine
 b) Hawk
 d) Snake
 b) 1991
 d) 1993

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Explain the effect of HIV/AIDS on environment and on human health. (3)
 3. Infer the meaning of Population Explosion and population stabilization. (3)
 4. Examine the consequence of deforestation. (3)
 5. Explain ecology and ecosystems. (3)
 6. Infer the meaning of pollution as per Water (Prevention and Control of Pollution) Act, 1974. (3)

OR

Explain the meaning of In Situ and Ex Situ Conservation of Biodiversity. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Write some effects of noise pollution on human health. (5)
 8. Describe the major causes of deforestation. (5)
 9. Examine ways to check soil erosion. (5)
 10. List different types of forest ecosystems and grassland ecosystems. (5)
 11. Explain the causes of nuclear pollution. (5)
 12. Analyze the concept of composting of solid waste. (5)

OR

Analyze various issues and measures taken for women and child welfare at international and national levels. (5)
