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# BRAINWARE UNIVERSITY

Term End Examination 2025-2026

Programme – LL.B.-2024/LL.B.-2025

Course Name – Environmental Studies

Course Code - ENV101

( Semester I )

Library

Brainware University  
398, Ramkrishnapur Road, Barasat  
Kolkata, West Bengal-700125

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) Tell a key non-timber forest product (NTFP).
  - a) Coal
  - b) Timber
  - c) Medicinal plants
  - d) Iron
- (ii) Choose the most significant ecosystem service of forests.
  - a) Timber production
  - b) Carbon sequestration
  - c) Mineral extraction
  - d) Fuelwood collection
- (iii) Outline a common cause of forest fires.
  - a) Sustainable farming
  - b) Lightning strikes
  - c) Controlled burns
  - d) Forest management
- (iv) List a key environmental impact of timber extraction.
  - a) Biodiversity enhancement
  - b) Habitat destruction
  - c) Air purification
  - d) Soil conservation
- (v) Outline the region in India known for its rich deposits of iron ore, bauxite, and manganese.
  - a) Kerala
  - b) Bastar, Chhattisgarh
  - c) Rajasthan
  - d) Gujarat
- (vi) Identify the natural resource that can be replenished naturally.
  - a) Coal
  - b) Wind energy
  - c) Petroleum
  - d) Uranium
- (vii) Select the primary cause of wasteland formation.
  - a) Urbanization
  - b) Over-irrigation
  - c) Soil erosion
  - d) Wildlife protection
- (viii) Identify a source of e-waste.
  - a) Glass bottles
  - b) Automobile debris
  - c) Food waste
  - d) Mobile phones

- (ix) Identify a feature of the Water (Prevention and Control of Pollution) Act.
- a) Restricting urbanization  
b) Pollution control boards  
c) Forest land conservation  
d) Air quality regulation
- (x) Outline the relationship between wealth and birth rates.
- a) Poorer countries have lower birth rates  
b) Wealthier countries have higher birth rates  
c) Wealthier countries have lower birth rates  
d) Wealth and birth rates are unrelated
- (xi) Infer the main health issue resulting from air pollution.
- a) Cardiovascular diseases  
b) Improved sanitation  
c) Increased fertility  
d) Reduced access to clean water
- (xii) Show the connection between environmental health and public health.
- a) Pollution control reduces diseases  
b) Public health does not affect the environment  
c) Environmental health is unrelated to human health  
d) Only chemicals affect human health
- (xiii) Infer the effect of value education on social cohesion.
- a) Encourages social divisions  
b) Strengthens interpersonal conflicts  
c) Fosters harmony and respect for diversity  
d) Undermines respect for diversity
- (xiv) Infer one significant cancer linked to AIDS.
- a) Lung cancer  
b) Kaposi's sarcoma  
c) Breast cancer  
d) Skin cancer
- (xv) Show the region where HIV is believed to have originated.
- a) Asia  
b) Europe  
c) Africa  
d) Australia

### Group-B

(Short Answer Type Questions)

3 x 5=15

2. Explain ecological pyramid. (3)
3. Explain genetic diversity. (3)
4. Infer a note on contribution of land degradation to environmental problems. (3)
5. What is the structure and function of an ecosystem? (3)
6. List the key components of environmental health. (3)

OR

Analyze the role of human rights in promoting social justice. (3)

### Group-C

(Long Answer Type Questions)

5 x 6=30

7. Select five causes of land degradation. (5)
8. Construct a note on Cauvery water conflict. (5)
9. Demonstrate five features of desert ecosystem. (5)
10. Explain ex-situ conservation of biodiversity. (5)
11. Outline the salient features of Environment Protection Act, 1986. (5)
12. Explain the powers and functions of National Green Tribunal. (5)

OR

Discover the objectives of Wildlife Protection Act. (5)

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