

N.A



BRAINWARE UNIVERSITY

Term End Examination 2023

Programme – DMLT-2022

Course Name – Environmental Science

Course Code - EVS201

(Semester II)

Full Marks : 75

Time : 3:0 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 10=10

1. Choose the correct alternative from the following :

(i) Identify the correct option that is disposed by Incineration:

- | | |
|--------------------|-----------------|
| a) Water Pollutant | b) Solid Waste |
| c) Air Pollutant | d) Liquid Waste |

(ii) Identify the pollutants that can cause cancer in humans:

- | | |
|---------------|------------|
| a) Ozone | b) Mercury |
| c) Pesticides | d) All |

(iii) Identify a biotic factor of the eco-system:

- | | |
|-------------|---------|
| a) Sunlight | b) Wind |
| c) Soil | d) Tree |

(iv) Lithosphere is reported to be consisting of:

- | | |
|--------------------|----------|
| a) Rocks and soils | b) Water |
| c) Organisms | d) Air |

(v) Energy flow in an ecosystem is identified as:

- | | |
|----------------|---|
| a) Cyclic | b) Unidirectional |
| c) Rectangular | d) May be unidirectional or cyclic depending on condition |

(vi) Predict the correct full form of OSHA:

- | | |
|--|--|
| a) The Occupational Safety and Hazard Agency | b) Only Some Hazards are Actual |
| c) The Occupational Safety and Health Administration | d) The occupational safety and Health agency |

(vii) Choose the correct term which refers to an unhealthy intake of dietary nutrients:

- | | |
|-----------------|--------------|
| a) Healthy food | b) Foul food |
|-----------------|--------------|

- c) Nutritious food
 (viii) The main component of air is predicted to be:
 a) Nitrogen
 c) Carbon dioxide
- d) Malnutrition
 b) Oxygen
 d) Water Vapour
- (ix) Select the correct option for the statement Electrical energy is generated from solar energy, tidal energy and wind energy, respectively, by:
 a) Photovoltaic cells, mills, turbines
 c) Photovoltaic cells, turbines, mills
- b) Turbines, mills, photovoltaic cells
 d) Cannot be determined
- (x) State the importance of Hospital Environment:
 a) Patient Recovery
 c) For refreshment
- b) For acquiring disease
 d) None

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Define Clinical Microbiology (3)
 3. Define environment (3)
 4. State the layers of Earth's atmosphere (3)
 5. Estimate the management procedure of industrial waste (3)
 6. State the important factors responsible for maintaining a therapeutic environment (3)
- OR**
- Illustrate how hydropower is considered as a renewable source of energy (3)

Group-C

(Long Answer Type Questions)

10 x 5=50

7. State the categories of Biomedical Waste management (10)
 8. Cite the four major biodiversity hotspots in India (10)
 9. Express your knowledge on various types of food chain (10)
 10. Identify the sources of renewable energy with example (10)
 11. Summarize environmental laws for prevention and control of air pollution (10)
- OR**
- Summarize environmental laws for prevention and control of water pollution (10)
