



Murugesu

**Avinashilingam Institute for Home Science and Higher Education for Women**  
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)  
Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B  
Coimbatore - 641 043, Tamil Nadu, India

**Continuous Internal Assessment Test- III - December  
2022**

**SEMESTER-I**

**Class : I UG / I B.Ed / I B.Ed.Spl. Edn / I B.P.Ed**  
**Major: All Majors**

**Time : 3 Hours**  
**Max.Marks:100**

**21BAES01- Environmental Studies**

**Part A**

**Choose the correct answer**

**10X1=10**

1. Which of the following energy is stored in the earth? CO1 K3  
a. Mechanical energy                      b. Solar energy  
c. Chemical energy.                         d. Geothermal energy
2. Which of the following activity can lower the water table? CO1 K3  
a. Soil erosion                                      b. Growth of human population  
c. Over extraction of groundwater              d. Over grazing
3. An extensive number of chains interlinked in an ecosystem forms a \_\_\_\_\_ together. CO2 K1  
a. Food chain                      b. Food web                      c. Carbon cycle                      d. Nitrogen cycle
4. Which of these elements is considered to be the largest source of commercial energy consumption in the world? CO3 K3  
a. Nuclear                      b. Natural gas                      c. Oil                      d. Coal
5. Which one of these days is celebrated in the form of World Environment Day all around the world? CO3 K3  
a. July 5<sup>th</sup>                      b. June 10<sup>th</sup>                      c. October 20<sup>th</sup>                      d. June 5<sup>th</sup> CO4 K3
6. In which one of these following can we find Brackish water ecosystems? CO4 K3  
a. Wetlands                      b. Streams                      c. Deltas                      d. Coastal shallow
7. Hotspots are regions of high CO4 K1  
a. Rareism                      b. Endemism                      c. Diversity                      d. Critically endangered CO5 K1  
population
8. A population is a group of CO5 K3  
a. Individual in a family                      b. Individuals in a species  
c. Communities in an ecosystem                      d. Species in a community
9. Which of these is the most naturally occurring and frequent disaster? CO5 K1  
a. Tsunami                      b. Drought                      c. Earthquake                      d. Flood
10. Refuse, reduce, reuse and recycle is the main theme of:  
(a) Environmental balance                      (b) Ecological education  
(c) Ecological balance                      (d) Environmental education

## Part B

Answer the following

Answer should not exceed 400 words or two pages

5x 6= 30

- 11.a. Evaluate the objective of public awareness. CO1 K2  
(or)
- 11.b. Give the uses and exploitation of mineral resources. CO1 K1
- 12.a. Write the process of ecological succession. CO2 K3  
(or)
- 12.b. What are the biotic and abiotic components of the ecosystem? CO2 K1
- 13.a. Discriminate between marine pollution and water pollution. CO3 K2  
(or)
- 13.b. Describe the methods of waste water treatment. CO3 K3
- 14.a. Discuss about the importance of environmental ethics. CO4 K3  
(or)
- 14.b. What are the major causes of man –wild life conflicts? CO4 K1
- 15.a. what are the two different ways of waste generation? Explain. CO5 K1  
(or)
- 15.b. Discuss about the need and schemes for women welfare. CO5 K1

## Part C

Answer the following

Answer should not exceed 800 words or four pages

5 x 12= 60

16. a. Explain about the problems of water resource? CO1 K3  
(or)
- 16.b. Explain in detail the structure and function of the Ecosystem. CO1 K3
- 17.a. Draw the process of food chain and food web. CO2 K1  
(or)
- 17.b. Explore the various hotspots of biodiversity CO2 K1
- 18.a. Describe the role to be played by an individual in prevention of environmental pollution. CO3 K1  
(or)
18. b. Explain types of collection systems of municipal solid wastes. CO3 K1
- 19 .a. Explain in detail the components of rain water harvesting system. CO4 K1  
(or)
- 19.b. Discuss about role of information technology in environment and human health. CO4 K1
20. a. Explain the impact of over-population on the different aspects of living in India. CO5 K3  
(or)
- 20.b. Discuss women and child welfare programs practiced in India. CO5 K1

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