



Murugesu

**Avinashilingam Institute for Home Science and Higher Education for Women**

(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category 'A' by MHRD)  
Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B  
Coimbatore - 641 043, Tamil Nadu, India

**Bachelor's Degree Examination – May 2024**  
**II Semester**

**Class : I UG**  
**Major : All Majors**

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

**23BAEES1 Environmental Studies**

**PART A**

**10 x 1 = 10**

**Choose the Correct Answer**

1. The upper most portion of the mantle and earth's crust refers to
  - a. Atmosphere
  - b. Hydrosphere
  - c. Lithosphere
  - d. Biosphere
2. Identify the aquatic ecosystem.
  - a. Shola grassland
  - b. Coral reefs
  - c. Mangrove forest
  - d. Rann of Kutch
3. Which is NOT a non-renewable energy source?
  - a. Solar
  - b. Coal
  - c. Natural gas
  - d. Oil
4. Sariska Tiger Reserve is located in
  - a. Rajasthan
  - b. Delhi
  - b. Ooty
  - d. Mysore
5. Areas rich in species diversity are referred to as
  - a. Footprint of diversity
  - b. Mega-diversity
  - c. Protected spots of diversity
  - d. Hotspots of diversity
6. Relocation of rare species from their natural habitat to protect them refers to
  - a. In situ conservation
  - b. Ex situ conservation
  - c. Global 200
  - d. Geneti conservation
7. Identify the chemical associated with ozone depletion is
  - a. Sulphur
  - b. phosphorus
  - c. Nitrogen
  - d. chlorine
8. Sound is measured in terms of
  - a. Decilitre
  - b. Decibel
  - c. Hertz
  - d. Ampere
9. World Environment Day is celebrated on
  - a. June 2
  - b. June 5
  - c. July 5
  - d. July 2
10. CNG stands for
  - a. Compressed Natural Gas
  - b. Combined Natural Gas
  - c. Combined Natural Greens
  - d. Compressed Natural Greens

**Part B**

**5 x 6 = 30**

**Answer ALL questions**

**Each answer should not exceed 400 words or two pages**

- 11.a. Highlight the types of forests in India.  
(or)
- 11.b. Environmental studies is multidisciplinary in nature. Explain.
- 12.a. Recollect the characteristics of biosphere.  
(or)
- 12.b. Explain the measures to control soil erosion and land degradation.
- 13.a. Write in detail on the values of biodiversity.  
(or)
- 13.b. Write short notes on habitat loss and human-wildlife conflicts.
- 14.a. List the factors leading to water pollution and the measure to prevent.  
(or)
- 14.b. What is acid rain? List down the ill effects of acid rain.
- 15.a. Explain carbon foot-print.  
(or)
- 15.b. As an environmentalist, suggest methods to create awareness among public to conserve the environment.

**Part C**

**5 x 12 = 60**

**Answer ALL questions**

**Each answer should not exceed 800 words or four pages**

- 16.a. Elaborate on the components of environment.  
(or)
- 16.b. Explain (i) water cycle (ii) carbon cycle and (iii) energy flow in ecosystem
- 17.a. Describe renewable resources with respect to forest and mineral resources.  
(or)
- 17.b. Enumerate the ways by which water resources are mismanaged and polluted. Add a note on the measures to overcome it.
- 18.a. Is conservation of biodiversity possible? Explain the ways and Justify your points.  
(or)
- 18.b. Enumerate on the endangered and endemic species of India.
- 19.a. Discuss the effects of air pollution on environments and its control measures.  
(or)
- 19.b. Explain The Environment (Protection) Act.
- 20.a. Describe disaster management procedures during flood and earthquake.  
(or)
- 20.b. Write in detail on (i) Chipko and (ii) Bishnios of Rajasthan movement.