



J. Sambal

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 [now MoE]

Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B

Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment Test I- February 2025

II Semester

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

**Time : 2 hours
Max. Marks : 60**

**23BAEES1 Environmental Studies
(Ability Enhancement Compulsory Courses AECC)**

Part A

6 x 1 = 6

Choose the correct answer

1. Sustainable development aims to balance
 - a) Economic growth, social inclusion, and environmental protection
 - b) Industrialization and pollution
 - c) Urbanization and deforestation
 - d) desertification
2. The two main components of an ecosystem are
 - a) Biotic and Abiotic
 - b) Flora and Fauna
 - c) Water and Air
 - d) Sunlight and Temperature
3. Estuaries are
 - a) Transition zone where rivers meet the sea
 - b) High-altitude mountain lakes
 - c) Artificially created water reservoirs
 - d) Water bodies without aquatic life
4. Which of the following is a major cause of land degradation?
 - a) Urbanization
 - b) Overgrazing
 - c) Afforestation
 - d) Sustainable agriculture
5. Identify the non-renewable energy source
 - a) Solar energy
 - b) Wind energy
 - c) Coal
 - d) Biomass
6. Which among the following is an endemic species of India?
 - a) Bengal tiger
 - b) Indian peacock
 - c) Nilgiri tahr
 - d) Indian elephant

Part B

3 x 6 = 18

Answer the following

Answer should not exceed 400 words or two page

7. a. Give an account of ecological succession
(Or)
7. b. Explain the food web with a suitable example.
8. a. Assess the human activities that impact the availability of surface water resources.
(Or)
8. b. Report the environmental consequences of mining activities on the forest ecosystem.
9. a. How does urbanization contribute to land degradation and soil erosion.
(Or)
9. b. Comment on the regions in India. which are considered biodiversity hotspots.

Part C

3x12=36

Answer the following

Answer should not exceed 800 words or four pages

- 10.a. Describe the different types of food chains with examples.
(Or)
- 10.b. Discuss in detail on the major layers of the atmosphere.
- 11.a. Analyze the effect of deforestation on climate change and biodiversity.
(Or)
- 11.b. Provide a case study of a country successfully transitioning to renewable energy.
- 12.a. Point out the primary causes of flooding, and add a note on it mitigated.
(Or)
- 12.b. Explain any five biogeographic zones of India.

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