

**ABILITY ENHANCEMENT COMPULSORY COURSE
(AECC - ENVIRONMENTAL STUDIES) : WINTER: 2025
SUBJECT: ENVIRONMENTAL STUDIES**

Day : Sunday
Date : 04/01/2026

W-50001-2025

Time : 10:00 AM-11:30 AM
Max. Marks : 50

N.B.

- 1) Q. No. 16 is **COMPULSORY**. It carries 10 marks.
- 2) **ANY EIGHT** questions from Q. No. 1 to Q 15.
- 3) **Q1 to 15** carry **05** marks each.

- Q.1 Explain the significance of environment education in your academic program .
- Q.2 Define natural resources and explain the concept of resource conservation using case studies.
- Q.3 Describe any two successful community-based environmental conservation initiatives in India.
- Q.4 Examine the causes, consequences, and potential solutions to plastic pollution.
- Q.5 What are the three pillars of sustainable development, and how do they contribute to achieving a balanced and equitable future?
- Q.6 Create a plan for reducing energy consumption in your household.
- Q.7 Discuss the importance of traditional ecological knowledge in environmental management.
- Q.8 Describe the role of wetlands in maintaining ecological balance.
- Q.9 List three hazardous wastes and suggest proper disposal methods.
- Q.10 What are the effects of soil pollution on human health?
- Q.11 Explain how "Reduce, Reuse, Recycle" can help achieve sustainability goals.
- Q.12 What are Ramsar sites? How does listing of sites help in conservation of water bodies?
- Q.13 Giving examples differentiate between climate adaptation and mitigation.
- Q.14 Describe three endangered animal species in India and their conservation efforts.
- Q.15 Differentiate between in-situ and ex-situ conservation with suitable examples from India.
- Q.16 Match the column:

A	B
Renewable Resource	Reducing energy waste
Endemic species	Life on land
Environmental Audit	Change in weather patterns
Energy Efficiency	Small plastic particles
Microplastics	Evaluation of environmental performance
PM 2.5 and PM 10	2 °C
El Niño	Endangered
SDG 15	Solar energy
Paris climate change agreement	Species found only in a specific geographic area
Snow leopard	Air quality

* * * * *