



End Term (Even) Semester Examination May-June 2025.

Roll no.....

Name of the Program and semester: Environmental Science/Studies

Name of the Course: Non-B. Tech

Course Code: NCB 308

Time: 3 hours

Maximum Marks: 100

Note:

- (i) All the questions are compulsory.
- (ii) Answer any two sub questions from a, b and c in each main question.
- (iii) Total marks for each question is 20 (twenty).
- (iv) Each sub-question carries 10 marks.

Q1. (2X10=20 Marks)

- a. Write the value of environment education in the universities.
- b. Write the Biotic and Abiotic Components of Ecosystem with suitable figure and Examples.
- c. Define the terms Environment, Ecology, Hydrosphere, Biosphere and Atmosphere.

CO1

Q2. (2X10=20 Marks)

- a. Discuss the Forest conservation methods with suitable examples.
- b. Define the Soil. Soil conservation methods with figures or flow charts.
- c. Define the Natural resources. Discuss solar energy is an alternative resource of energy.

CO1

Q3. (2X10=20 Marks)

- a. Discuss the major threats to the Biodiversity and define the In-situ and Ex-situ practices for the conservation.
- b. Define the terms Sanctuaries, Endangered species, Hotspot areas, Wetlands and Biosphere reserve area.
- c. Discuss the Merits of Hydropower projects in hilly area.

CO1

Q4. (2X10=20 Marks)

- a. Define the pollutants. Discuss the air pollution sources and mitigation methods
- b. Discuss the Vermicompost and Biogas plant waste management practices
- c. Define the terms Water pollution, Eutrophication, Afforestation, Acid rain, and Green House effects.

CO1 & CO2

Q5. (2X10=20 Marks)

- a. Discuss the role of Information Technology for the conservation of nature and nature resources.
- b. Discuss the Indian Wildlife protection Act 1972.
- c. Define the Disaster, Types of Disaster and effects of Disaster.

Note For the question paper setters:

- Question paper should cover all the COs of the course.
- Please specify COs against each question.