



**End Term (Odd) Semester Examination November 2025**

Roll no.....

Name of the Course and semester:

Name of the Paper: Environmental Science

Paper Code: TEV-101

Time: 3 hour

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. Define ecosystem and explain its components with examples. (CO1)
- b. Define Environmental Science and discuss its scope and importance. (CO1)
- c. Describe food chain, food web, ecological pyramid and ecological succession. (CO1)

Q2. (2X10=20 Marks)

- a. Explain renewable and non-renewable resources with suitable examples. (CO2)
- b. Explain the major threats to biodiversity and the approaches used for its conservation. (CO2)
- c. Describe the role of individuals in natural resource conservation. (CO2)

Q3. (2X10=20 Marks)

- a. Explain soil and noise pollution: causes, effects, and control measures. (CO3)
- b. Explain causes, effects, and control measures of thermal and water pollution. (CO3)
- c. Describe the solid waste pollution and its disposal methods in details. (CO3)

Q4. (2X10=20 Marks)

- a. Discuss global warming and ozone layer depletion with case studies. (CO4, CO5)
- b. Explain the Environment Protection Act. (CO4, CO5)
- c. Describe the role of international environmental conventions such as the Kyoto Protocol and Paris Agreement in addressing global issues. (CO4)

Q5. (2X10=20 Marks)

- a. Explain the importance of water conservation and also explain methods of rainwater harvesting. (CO5)
- b. Discuss population explosion and its impact on environment and human health. (CO5)
- c. Write short notes on (i) Women and Child Welfare Programs in India, (ii) Role of IT in Environment and Human Health. (CO5)