

ALLIED AND HEALTHCARE (UG) EXAMINATION, JUNE - 2026**(EVS301) ENVIRONMENTAL SCIENCES****[Time allotted: Three Hours]****[Max Marks: 100]****Note:** Read all the instructions carefully

Answer all questions in serial order. Draw suitable diagrams wherever necessary

Q. 1. Objective type questions: (Attempt All) **(10 x 02 = 20)**

(Very short/ Short answer/ MCQ/ One liners/ Fill in the blanks/ True/False)

- a. Define ecology.
- b. Give two examples of artificial ecosystem.
- c. Flow of energy in an ecosystem is a cyclic process. (True/False)
- d. What are endemic species?
- e. Name two hotspots of biodiversity in India.
- f. Write any two natural causes of water pollution.
- g. Decibel is a unit to measure the _____ level.
- h. What is acid rain?
- i. Name two GHGs.
- j. Define overpopulation.

Q. 2. Short notes/ Short answer type questions (Attempt any Five) **(05 x 04 = 20)**

- a. Write short note on hydrosphere.
- b. Brief the causes of ecological succession.
- c. Write the consequences of deforestation.
- d. Differentiate in-situ and ex-situ biodiversity conservation.
- e. Classify solid waste with examples.
- f. Write the salient features of Environmental Protection act, 1986.
- g. Write the chemical reactions for ozone layer depletion.

Q. 3. Structured questions (Attempt any Three) **(03 x 10 = 30)**

- a. Explain the vertical structure of atmosphere with the help of a diagram.
- b. What are different types of ecosystem? Write any five characteristics of forest ecosystem.
- c. Classify energy resources and write the consequences of burning of fossil fuels.
- d. Discuss the causes and effects of global warming.

Q. 4. Long Answer/ Essay type questions (Attempt any Two) **(02 x 15 = 30)**

- a. Discuss the need of environmental education in environmental protection.
- b. Explain the significance of forest resources in detail.
- c. Discuss the importance of environmental ethics and explain your environmental field visit experiences.