

END TERM EXAMINATION

FIRST SEMESTER [B.TECH] DECEMBER 2025-JANUARY-2026

Paper Code: BS-109

Subject: Environmental Studies

Time: 3 Hours

Maximum Marks: 60

Note: Attempt all questions as directed. Internal Choice is indicated.

- Q1 Answer any Four from the following (4×5=20)
- a) Multidisciplinary Nature of Environmental Studies
 - b) Nitrogen Cycle
 - c) Noise pollution
 - d) Radioactive Compounds
 - e) Environmental Impact Assessment
 - f) Carbon sequestration
 - g) Human-Wildlife conflict
 - h) HIV and AIDS
- Q2 Define environment. Explain scope, components and importance of environmental studies. (10)
- OR**
- Q3 What is ecosystem? Explain with examples, structure and function of ecosystem. (10)
- Q4 Define environmental pollution. Explain sources, effects, sink and control of air pollution. (10)
- OR**
- Q5 Classify water pollutants and their sources. What are various ways for treatment of wastewater? (10)
- Q6 Explain concept of sustainable development. What are the pillars of sustainable development? Make a note on Sustainable Development Goals (SDGs). (10)
- OR**
- Q7 a) Explain Green House Effect. What are the roles of green house gases in global warming? (5)
- b) What do you understand by consumerism? Explain the effects of consumerism on environmental conservation. (5)
- Q8 How is human pollution affecting environment? Explain in the context of Indian subcontinent about pattern of human population growth and its effect of resource conservation. (10)
- OR**
- Q9 a) Explain human rights. Explain the role of environment in human health and development. (6)
- b) Make a note on role Information Technology in environmental governance. (4)