(Please write your Exam Roll No.) Exam Roll No. .....

# 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 **(4x5=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)**

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