

BE SEM III (choice based) Summer 2026 (ELEC)
 Time: 3 Hours Max. Marks: 80

1915126

N.B.: (1) Q. No. 1 is compulsory

(2) Answer any **THREE** questions from the remaining questions.

(3) Figures to the right indicate full marks.

(4) Illustrate answers with neat sketches where ever required.

1. Attempt any four :- 20
 - (a) Explain three pillars of Environment Management.
 - (b) How is global warming affecting rising sea levels?
 - (c) Explain limiting factor and its role in an ecosystem?
 - (d) Write a note on Scope of Environment Management.
 - (e) What are the challenges in implementing ISO 14000?
 - (f) Explain Air (Prevention & Control of Pollution) Act.
2. (a) What is current Indian energy scenario and how reliance of renewable energy sources will help in satisfying our future needs? List various government schemes promoting renewable energy sources. 10
 - (b) Explain the causes, effects and preventive measures of Acid Rain. 10
3. (a) Why contemporary managers need to be aware of environment management? What are career opportunities in environment management? 10
 - (b) Define ecosystem. Explain with example, Symbiotic, Predatory and Competitive interactions among organisms 10
4. (a) What is meant by biodiversity? Explain the factors causing loss of biodiversity. 10
 - (b) Discuss the role of Government as a planning and regulating agency in environment management 10
5. (a) Describe the concept of carrying capacity. Explain its significance 10
 - (b) Describe the core components of EMS and explain the PDCA cycle 10
6. (a) What is Corporate Environmental Responsibility? Discuss with example, how it can be utilized towards benefit of society? 10
 - (b) Are Wildlife Protection Act and Forest Conservation Act complementing each other? How do they together form an integrated approach to environmental protection? 10
