

K. J. Somaiya Institute of Technology, Sion, Mumbai-22
(Autonomous College Affiliated to University of Mumbai)

May-June 2025

(B. Tech) Program: Scheme II

~~Supplementary~~ Regular Examination: LY Semester: VIII

Course Code: ILC 8049 and Course Name: Environmental Management

Date of Exam: 26.05.2025

Duration: 02.5 Hours

Max. Marks: 60

04.08.2025

Instructions:

- (1) All questions are compulsory.
- (2) Draw neat diagrams wherever applicable.
- (3) Assume suitable data, if necessary.

Q. No.	Question	Max. Marks	CO	BT level
Q 1	Solve any two questions out of three: (05 marks each)	10		
a)	Describe Global Warming.	2	U	
b)	Describe why EMS Certification is essential?	5	U	
c)	What are the important features of Water act?	6	U	
Q 2	Solve any two questions out of three: (05 marks each)	10		
a)	Describe the three members of community in an ecosystem.	3	U	
b)	Give reasons for nuclear accidents with two examples.	2	U	
c)	What were the reasons for the implementation of EPA act?	6	U	
Q.3	Solve any two questions out of three. (10 marks each)	20		
a)	Explain the energy scenario in India.	1	U	
b)	Explain TQM and TQEM.	5	U	
c)	Give brief account of the scope of environmental management.	4	U	
Q.4	Solve any two questions out of three. (10 marks each)	20		
a)	Explain the role of Government as a source of planning and regulating agency?	4	U	
b)	Explain different types of ecosystems. Give an account of Forest ecosystem in detail.	3	U	
c)	Discuss the environmental issues relevant to India.	1	U	
