

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

May-June 2024

(B.Tech.) Program: All branches Scheme I/II/IIB/III:II

Regular Examination: LY Semester: VIII

Course Code: ILC8049 and Course Name: Environmental Management

Date of Exam: 21.05.24

Duration: 02.5 Hours

Max. Marks: 60

Instructions:

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

		Max. Marks	CO	BT level
Q 1	Solve any six questions out of eight:	12		
i)	Enlist the career opportunities in Environmental management.	2	1	R
ii)	What is carrying capacity?	2	2	U
iii)	Explain TQM.	2	2	R
iv)	What is the scope of environmental management?	2	1	U
v)	What are biomedical hazards?	2	1	R
vi)	Define ISO standard.	2	3	U
vii)	Mention any two of the important legislations for Environment protection in India and the names of regulatory bodies responsible for environment protection in India.	2	3	U
viii)	What are roles of government as a source of planning and regulating agency?	2	3	U
Q.2	Solve any four questions out of six.	16		
i)	Explain Water Act.	4	3	R
ii)	What are the reasons for climate change?	4	1	R
iii)	What do you understand about Corporate Environmental Responsibility and discuss its benefits?	4	3	R
iv)	What are the biotic and abiotic factors of ecosystem?	4	2	U
v)	What is ISO 14000? Write a note on it.	4	3	U
			1	U

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vi)	Give the 17 sustainable development goals (SDGs) given by UN.	4	1	U
Q.3	Solve any two questions out of three.	16		
i)	Draw a labelled food chain diagram and explain the various energy levels in it.	8	2	R
ii)	What are natural resources? Explain the significance of environmental management for such type.	8	1	R
iii)	Comment on Corporate Social Responsibility?	8	3	U
Q.4	Solve any two questions out of three.	16		
i)	Discuss the Environmental issues relevant to India.	8	1	R
ii)	What are steps in EMS certification?	8	3	U
iii)	Write a note on the Air Act.	8	3	R
