

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

\* April – May 2023

(B.Tech / M.Tech.) Program: B.Tech Scheme II

Examination: LY Semester: VIII

Course Code: ILC8049 and Course Name: Environmental Management

Date of Exam: 20 May 2023  
Marks: 60

2.5  
Duration: 2 Hours

Max.

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)	Define ISO standard.		6	R
ii)	What is Water act?		4	U
iii)	Mention different layers of Atmosphere. Explain any 1 in detail.		2	U
iv)	What is Hippo effect?		3	U
v)	Explain TQM.		6	U
vi)	What are biomedical hazards?		4	U
vii)	What is carrying capacity?		2	U
viii)	What are the reasons for acid rain?		3	U
Q.2	Solve any four questions out of six.	16		
i)	What is ISO 14000? Write a note on it.		3	U
ii)	Draw a labelled food chain diagram and explain the various energy levels in it.		5	U
iii)	Express your thoughts on Corporate Environmental Responsibility?		6	R
iv)	What are natural resources? Explain the significance of environmental management for such type.		1	U
v)	Write a detailed note on TQEM.		4	U

