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: 6 Hours

Max.

2)Dra	questions are compulsory. w neat diagrams wherever applicable.			
3)Ass	ume suitable data, if necessary.	Max. Marks	СО	BT level
Q1	Solve any six questions out of eight:	12		
i)	Define ISO standard.		6	R
ii)	What is Water act?		4	
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?		2	U
vii)	What is carrying capacity?		3	U
viii)	What are the reasons for acid rain?		3	
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	

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Date of Exam: 20 May 2023

Marks: 60

Duration: 3 Hours

Max

vi)	Explain what is meant by loss of biodiversity in environmental management.		2	U
	The state of the s			
Q.3	Solve any two questions out of three.	16		
i)	Write a note on the Air Act.		4	U
ii)	What is EMS certification? Explain the steps in EMS certification?		5	-
iii)	Comment on Corporate Social Responsibility?		3	U
	ing cijumi do endarko iz namenni se senemen ilkenomin			9
Q.4	Solve any two questions out of three.	16		,
i)	What is the Forest Act. Express your thoughts on Forest Act.		4	R
ii)	Draw ecological Pyramid and describe the energy transfer with respect to law of thermodynamics.		1	R
iii)	Describe Global warming and its deleterious effects.		3	R
