

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

End Semester Exam

April - May 2022

Program: B.Tech

Examination: LY Semester: VIII

Course Code: 1UILC8049

Course Name: Environmental Management

Duration: 03 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.	2 marks each (6 x 2 =12)		
i)	Which are conventional sources of energy?	2	1	R
ii)	What is the importance of stratosphere?	2	2	U
iii)	What was the reason for Cheronobyl incident?	2	3	R
iv)	What are the career opportunities of Environmental management?	2	5	U
v)	What is ISO 14000?	2	4	R
vi)	What is Chipco Movement?	2	6	U
vii)	What is Green House effect?	2	5	R
viii)	What is carrying capacity?	2	2	U
Q.2.	Solve any four questions out of six.	(4 x 4 =16)		
i)	What are consequences of deforestation on Environment?	4	5	R
ii)	What are the reasons for climate change?	4	3	U
iii)	What are the roles of Government as a source of planning and regulating agency?	4	6	R
iv)	What causes ecosystems to change?	4	2	U
v)	Write briefly on Wild life protection act.	4	4	R
vi)	What is the importance of environmental management?	4	1	U
Q.3.	Solve any two questions out of three.	(8 x 2 =16)		
i)	What are the features of Total Quality Environmental Management?	8	2	R
ii)	Give reasons for nuclear accidents with two examples.	8	3	U
iii)	Draw ecological Pyramid and describe the energy transfer with respect to law of thermodynamics.	8	1	R
Q.4.	Solve any two questions out of three.	(8 x 2 =16)		
i)	Give reasons for Ozone layer Depletion.	8	5	R
ii)	What are steps in EMS certification?	8	6	U
iii)	Describe few man-made disasters and its consequences.	8	4	R