

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

May - June 2024

Program: B.Tech Scheme: Ii

Supplementary Examination: LY Semester: VIII

Course Code: ECCILO 8029 and Course Name: Environmental Management

Date of Exam: 01/08/24

8049 Duration: 2.5 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.	2 marks each (6 x 2 =12)		
i)	What is Hippo effect?	2	3	R
ii)	What is corporate environmental responsibility?	2	4	U
iii)	What is a population in Ecosystem?	2	2	R
iv)	What is the scope of environmental management	2	1	U
v)	What is ISO standard?	2	5	R
vi)	What was the reason for the implementation of EPA act?	2	6	U
vii)	What are the scope of Environmental Management?	2	4	U
viii)	Enlist few of the career opportunities in Environmental Management.	2	1	U
Q.2.	Solve any four questions out of six.	(4 x 4 =16)		
i)	Explain different sources of conventional Energy.	4	1	U
ii)	Describe the importance of Ozone Layer and the reasons for the depletion of ozone layer.	4	2	R
iii)	Explain the Grassland Ecosystem.	4	3	U
iv)	Describe Corporate Environment Responsibility.	4	4	R
v)	Describe why EMS Certification is essential?	4	5	U
vi)	What are the important features of Water act?	4	6	F

Q.3.	Solve any two questions out of three.	(8 x 2 =16)		
i)	Write an essay on different types of energy.	8	1	R
ii)	Explain Global Warming.	8	2	U
iii)	Draw ecological Pyramid and describe the energy transfer with respect to law of thermodynamics.	8	3	R
Q.4.	Solve any two questions out of three.	(8 x 2 =16)		
i)	Describe the scope of Environmental Management.	8	4	R
ii)	Describe the components and objectives of TQEM.	8	5	U
iii)	Explain EPA Act.	8	6	R
