

THE KAVERY ENGINEERING COLLEGE*(An Autonomous Institution)***UG/PG DEGREE END SEMESTER THEORY EXAMINATIONS, APRIL-MAY 2026****Second Semester****Environmental Engineering****PEVE2404 – ENVIRONMENTAL IMPACT ASSESSMENT****Regulations – 2024****Duration : 3 Hrs****Maximum : 100 Marks****PART – A (ANSWER ALL QUESTIONS) (Marks 10*2=20)**

Q.No	Questions	BLT	CO	Marks
1.	Define EIA. What is the need for EIA in India?	L1	1	2
2.	Outline the limitations of EIA.	L2	1	2
3.	List the prediction tools for EIA.	L1	2	2
4.	Write short notes on (a) Impact Analysis (b) Mathematical Models.	L2	2	2
5.	Identify any three socio economic impacts usually encountered due development.	L3	3	2
6.	List the Factors for Socio-economic impact assessment.	L2	3	2
7.	Define Environmental Management Plan.	L1	4	2
8.	Illustrate the quality aspects of environmental impact assessment?	L2	4	2
9.	How to assess the impacts on soil and water by mining activity?	L1	5	2
10.	What is called CETPs & CMSWMF?	L1	5	2

PART – B (ANSWER ALL QUESTIONS) (Marks 5*16 = 80)

Q.No	Questions	BLT	CO	Marks
11.	a Summarize the Historical development of Environmental Impact Assessment.	L2	1	16
	Or			
	b Demonstrate the procedure for obtaining environmental clearance for a Thermal power station project.	L2	1	16
12.	a Analyze the prediction tools for EIA.	L4	2	16
	Or			
	b i List the ambient air quality standards of India.	L4	2	8
	ii Examine stepwise how do you predict and assess impacts in the Air environment.	L4	2	8
13.	a i Explain the steps involved in the assessment of Socio-economic impact due to a project.	L2	3	8
	ii Demonstrate the procedure for assessing the impacts on water.	L2	3	8
	Or			
	b Classify any four types of impact assessment methodologies.	L2	3	16

14.	a	Develop the mitigation and rehabilitation plans in Environmental management.	L4	4	16
		Or			
	b	Construct the procedure of Environmental Auditing.	L4	4	16
15.	a	Explain how to assess the impact of a hazardous waste management project.	L2	5	16
		Or			
	b	Demonstrate an EIA case study of any cement plant project in Tamilnadu state.	L2	5	16
