



R22 Regulation

Subject code:406EA

# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

**B.Tech VI Semester Supplementary Examinations, November 2025**

## ENVIRONMENTAL IMPACT ASSESSMENT

(CSE)

Maximum Marks: 60

Date:17.11.2025

Duration: 3 hours

- Note: 1.This question paper contains two parts A and B.  
2. Part A is compulsory which carries 10 marks. Answer all questions in Part A.  
3. Part B consists of 5 Units. Answer any one full question from each unit.  
4. Each question carries 10 marks and may have a, b, c, d as sub questions.

### Part-A

All the following questions carry equal marks (10X1M=10 Marks)		Marks	CO	Bloom Tx
1.a)	List the key elements in EIA as per Government of India notification.	1M	1	BL1
b)	What is screening in EIA Process?	1M	1	BL1
c)	List out common sources of noise pollution.	1M	2	BL1
d)	Give the types of matrix method of EIA.	1M	2	BL1
e)	Mention the importance of environmental audit.	1M	3	BL2
f)	What are post audit activities?	1M	3	BL1
g)	What does Rehabilitation Action Plan cover?	1M	4	BL2
h)	List the shortcomings of cost benefit analysis.	1M	4	BL1
i)	Write the significance of case study analysis.	1M	5	BL2
j)	List few waste water treatment plants in India.	1M	5	BL1

### Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	Bloom Tx
2	a) Give an account of EIA legal framework. b) Discuss the role of stakeholders in EIA.	5M 5M	1	BL3
OR				
3	Enlist and give an account of six Rio principles on Sustainable Development.	10M	1	BL3
4	Present the methodology for prediction and assessment of impacts on soil with neat flow sheet.	10M	2	BL4
OR				
5	Write down the advantages and disadvantages of checklist and matrices methods of impact identification.	10M	2	BL3
6	Review the mitigation measures and adverse environmental impact monitoring of groundwater.	10M	3	BL4
OR				

7	Discuss the various stages in preparation of an EIA Report and the importance of review of EIA report.	10M	3	BL3
8	Give a detailed presentation on the Rehabilitation & Resettlement plan for a multipurpose project of your choice.	10M	4	BL5
	OR			
9	Discuss about conceptual frame work for socio-economic assessment and socio-economic impacts usually encountered due to development.	10M	4	BL4
10	Explain the environmental impact of real estate with a case study.	10M	5	BL3
	OR			
11	Present a Case Study of Environmental Impact Assessment on Thermal Power Station.	10M	5	BL3