



R22 Regulation

Subject code:406EA

# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

## B.Tech VI Semester Regular Examinations, May 2025

### ENVIRONMENTAL IMPACT ASSESSMENT

(CSE)

Maximum Marks: 60

Date: 27.06.2025

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)	Write the need for EIA studies.	1M	1	1
b)	Distinguish between Screening and Scoping in EIA.	1M	1	1
c)	What is meant by Baseline Monitoring.	1M	2	1
d)	What do you understand by Flora and Fauna in EIA	1M	2	1
e)	Write the concept of Environmental Audit.	1M	3	1
f)	What do you mean by EIA Report Preparation	1M	3	1
g)	What is the concept of Baseline Monitoring of Socio-economic environment?	1M	4	1
h)	What is Rehabilitation and Resettlement Plan?	1M	4	1
i)	Identify ant two Thermal Power Plant Construction Activities.	1M	5	1
j)	Write the aspects of manufacturing projects.	1M	5	1

#### Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	Bloom Tx
2	a) Explain the Rio Principles of Sustainable Development.	5M	1	2
	b) Classify various types of EIA and explain them briefly.	5M		3
OR				
3	a) Explain various Ecological Factors of EIA.	5M	1	2
	b) Identify the need for EIA studies and explain briefly.	5M		3
4	a) What are various Checklist Methods and explain anyone.	5M	2	2
	b) Explain the concept of Prediction and Assessment of Impact on Land.	5M		1
OR				
5	a) Explain the mathematical models for Impact Prediction.	5M	2	1
	b) Discuss the frame work of Environmental Impact Assessment.	5M		2
6	a) Explain in brief about Environmental Monitoring Plan.	5M	3	2
	b) Explain the concept of Environmental Clearance.	5M		1
OR				

7	a) Explain the concept of Plan for Mitigation of Adverse Impact on Water. b) Interpret the concepts of Review of EIA Reports.	5M 5M	3	1 1
8	a) Analyse the Cost Benefit Analysis related to EIA b) Explain the Economic Valuation of Environmental Impacts.	5M 5M	4	3 2
OR				
9	a) Analyse the concepts of Identification of Project affected Personal in detail. b) How Public Consultation involved with EIA. Explain.	5M 5M	4	3 1
10	a) Analyse the problems related to EIA for Electronic Hard ware Projects. b) Discuss one EIA Case Study Pertaining to Infrastructure Projects.	5M 5M	5	3 2
OR				
11	a) Explain the importance of Real Estate Development in EIA. b) Analyse the concepts of Waste Processing & Disposal Facilities in EIA.	5M 5M	5	2 3