



R20 Regulation

Subject code:3P5AE&3O5EB

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech V Semester Supplementary Examinations, December 2024

Environmental Impact Assessment

(Common to CE & CSE)

Maximum Marks: 70

Date:08.01.2025

Duration: 3 hours

- Note:
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit which carries 10M.
 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 (10X2M=20) Marks)		CO	Bloom Tx
1	Define sustainable development	1	L1
2	What is meant by screening and Scoping	1	L1
3	Define Impact prediction.	2	L1
4	List out various methods of mathematical models for impact prediction.	2	L1
5	Rephrase the EIA Methodologies	3	L1
6	What is meant by Environmental Clearance?	3	L1
7	What is meant by Resettlement?	4	L1
8	Write about impacts of cost benefit analysis	4	L1
9	List out the types of impacts during mining project.	5	L1
10	What is the function of Thermal power plant?	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		CO	Bloom Tx
11	Explain in detail about EIA processes with neat diagram. [10M]	1	L2
	OR		
12	Discuss about the role of stakeholders in the EIA preparation. [10M]	1	L2
13	Explain in detail about the frame work of impact assessment with neat sketch. [10M]	2	L2
	OR		
14	Explain in detail the different types of alternatives in EIA. [10M]	2	L2
15	Explain in detail the objectives and benefits of Environmental Audit? [10M]	3	L2
	OR		
16	Discuss the components of Environmental Management Plan (EMP). [10M]	3	L2
17	Explain in detail the cost benefit analysis for EIA method. [10M]	4	L2
	OR		
18	Briefly explain the baseline monitoring of Socio economic environment. [10M]	4	L2
19	Discuss a case study of EIA for airport construction. [10M]	5	L2
	OR		
20	Explain the environmental impact assessment of Hydro power project. [10M]	5	L2