



R20 Regulation

Subject code:308FB

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VIII Semester Supplementary Examinations, November 2025

ENVIRONMENTAL IMPACT ASSESSMENT

(IT)

Maximum Marks: 70

Date: 25.11.2025

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)		Marks	CO	Bloom Tx
1	Write the need for conducting Environmental Impact Assessment.	2M	1	BL1
2	How can stakeholders contribute to the EIA process?	2M	1	BL2
3	Enlist the sources of noise pollution.	2M	2	BL1
4	What is EIA Checklist?	2M	2	BL1
5	Mention the objectives of environmental audit.	2M	3	BL1
6	Define mitigation monitoring.	2M	3	BL1
7	Write the disadvantages of cost-benefit analysis.	2M	4	BL2
8	Define Rehabilitation.	2M	4	BL1
9	List any two impacts of thermal power plant project on environment.	2M	5	BL2
10	Give the significance of EIA case studies.	2M	5	BL2

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	Bloom Tx
11	Enlist and recall Rio principles (Declaration) on Environment and Sustainable Development.	10M	1	BL3
OR				
12	Explain the sequential action of EIA as an Environmental Management Tool with a neat flow sheet.	10M	1	BL3
13	How does habitat fragmentation from large infrastructure projects affect local flora and fauna? Discuss with examples.	10M	2	BL3
OR				
14	Write in detail about the salient features of matrices methods.	10M	2	BL2
15	Discuss the Identification and incorporation of mitigation measures for soil conversation.	10M	3	BL3
OR				
16	Discuss about a) Types of environment audit b) Environmental Audit Steps	5M 5M	3	BL2
17	Discuss in detail about the activities involved in Rehabilitation and resettlement program.	10M	4	BL4

	OR			
18	a) Discuss the socio-economic factors and their potential changes resulting from project implementation. b) Why public consultation is considered a vital component of the Environmental Impact Assessment process? Discuss with examples.	5M 5M	4	BL4
19	With example, Discuss the types of impacts that occur to environment due to an electronic hardware Project.	10M	5	BL4
	OR			
20	Report an example EIA case study pertaining to Infrastructure Project.	10M	5	BL4