R20 Regulation *Subject code:3O8FB*

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VIII Semester Supplementary Examinations, May 2026

ENVIRONMENTAL IMPACT ASSESSMENT

(IT)

Maximum Marks: 70 Date: 04.05.2026 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	What is meant by FONSI and EIS?	2M	1	BL1
2	List out the types of EIA.	2M	1	BL2
3	Write a note on standards for noise quality.	2M	2	BL1
4	Define strategic environmental impact assessment.	2M	2	BL1
5	What are the stages of environmental audit?	2M	3	BL1
6	What is the hierarchy for selection of mitigation measures for adverse impacts?	2M	3	BL1
7	What is meant by Resettlement?	2M	4	BL2
8	Write about impacts of cost benefit analysis.	2M	4	BL1
9	List out the types of impacts during mining project.	2M	5	BL1
10	What is the function of EMP?	2M	5	BL1

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	BL2
	OR			
12	Discuss in detail about role of legal committee and stake holders in EIA.	10M	1	BL2
13	Explain in detail the Ad-hoc method and Network methods of impact identification mention their merits and demerits.	10M	2	BL2
	OR			
14	Explain in detail about prediction and assessment of impact on noise, flora and fauna.	10M	2	BL2
15	a) Briefly explain the about impact mitigations on construction and operational phase of land environment. b) Discuss the objectives of Environmental Management.	5M 5M	3	BL2
	OR			
16	Discuss the components of Environmental Management Plan (EMP).	10M	3	BL2

17	What is meant by Socio economic impact assessment (SEIA)? Explain model for SEIA.	10M	4	BL2
	OR			
18	Describe the procedure of public consultation in India.	10M	4	BL2
19	Provide an example each for both positive and adverse environmental impacts of short term and long-term durations.	10M	5	BL2
	OR			
20	Report an example EIA case study pertaining to Infrastructure Project.	10M	5	BL2