R20 Regulation *Subject code:3O7CA*

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VII Semester Supplementary Examinations, May 2026

ENVIRONMENTAL IMPACT ASSESSMENT

(ME)

Maximum Marks: 70 Date: 15.05.2026 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.
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	BTL
1	What is meant by sustainable development.	2M	1	L1
2	Define screening and Scoping.	2M	1	L1
3	Define baseline monitoring and compliance monitoring.	2M	2	L1
4	List out the sources and effects of Air pollution.	2M	2	L1
5	Explain mitigation measures to control soil erosion.	2M	3	L1
6	Differentiate between pre audit and post audit.	2M	3	L1
7	Write short note on project affected person?	2M	4	L1
8	What is meant by Socio economic impact assessment?	2M	4	L1
9	List out the negative impact on solid waste processing and disposal.	2M	5	L1
10	Mention various activities involved in the development of highway project.	2M	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BTL
11	Explain in detail impacts of development on environment and list out different projects causes impacts classified by *MOEF*.	10M	1	L2
	OR			
12	Differentiate between EIA and EIS. Explain how to prepare EIS.	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	What are the different types of Environmental Audit and explain briefly.	10M	3	L2
	OR			
16	What are the plans for mitigation of adverse impacts on Air and water?	10M	3	L2
17	Briefly explain the categories of persons affected by development projects.	10M	4	L2

	OR			
18	What is meant by Rehabilitation and Resettlement? What are the objectives of Rehabilitation?	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