



R20 Regulation

Subject code: 308FB

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VIII Semester Regular Examinations, April 2024

ENVIRONMENTAL IMPACT ASSESSEMENT

(Information Technology)

(Open Elective)

Maximum Marks: 70

Date:22.04.2024 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	What are the objectives of Environmental Impact Assessment?	1	L1
2	Define the term Environment?	1	L1
3	What is the present scenario in India about EIA study?	2	L2
4	Write the simple checklist?	2	L1
5	List out various measures to prevent soil pollution?	3	L1
6	What is impact prediction?	3	L1
7	Write on soil quality?	4	L1
8	What is audit data?	4	L1
9	What is meant by land drainage?	5	L1
10	Define soil erosion.	5	L1

Part-B

Answer All the following questions.

(5X10M=50Marks)

11	A. Discuss the needs & importance of EIA. [5] B. Write a short note on screening & scoping as elements of EIA? [5]	1	L2 L1
	OR		
12	How many environmental parameters are classified what are they. [10]	1	L1
13	Explain the methodology for prediction and assessment of impacts on soil with neat flow chart. [10]	2	L2
	OR		
14	A. What is E- Waste? Discuss the effects of E-Waste on environment? [5] B. Explain in detail about noise pollution, its sources & effects. [5]	2	L1 L2
15	What are the main objectives of environment audit? Explain. [10]	3	L2
	OR		
16	What are the steps involved in EIA clearance process? [10]	3	L1

17	A. What is the significance of cost benefit analysis of EIA? [5] B. Discuss various characteristics of solid waste. [5]	4	L1 L2
	OR		
18	Discuss about the socio-economic impacts associated with an airport project. [10]	4	L2
19	Explain any case study of EIA in details. [10]	5	L2
	OR		
20	Explain in detail the environment management plan for air, water & land environment for thermal power plant projects. [10]	5	L2