



B.Tech V Semester Supplementary Examinations, July 2024
Environmental Impact Assessment
(Computer Science and Engineering)

Maximum Marks: 70

Date: 01.08.2024 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.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A		CO	Bloom Tx
All the following questions carry equal marks (10X2M=20 Marks)			
1	Present the need for EIA in India.	CO1	I
2	List the goals of EIA.	CO1	I
3	Name the types of matrix method of EIA.	CO2	I
4	Mention the sources of noise pollution.	CO2	I
5	Define mitigation monitoring.	CO3	I
6	Mention the objectives of environment audit.	CO3	II
7	Give the benefits of rehabilitation and resettlement.	CO4	I
8	What are the limitations in cost benefit analysis?	CO4	II
9	Enlist a few mining projects in India.	CO5	I
10	Give any four environmental impact of real estate project.	CO5	II
Part-B			
Answer All the following questions. (5X10M=50Marks)			
11	Explain in detailed account of the various elements of EIA. [10]	CO1	III
OR			
12	Discuss in detail about role of Legal Committee and stake holders in EIA. [10]	CO1	IV
13	Give a detailed account of the environmental impact of deforestation, causes, effects and control strategies. [10]	CO2	IV
OR			
14	Discuss the characteristics, advantages and disadvantages of the Box-model approaches for prediction of various environmental impacts for engineering projects. [10]	CO2	V
15	Explain in detail about various steps in Environmental audit and the preparation of EIA report. [10]	CO3	II
OR			
16	Describe in detail about impact mitigations on construction and operational phase of land environment. [10]	CO3	II

17	Give a detailed account of the activities involved in rehabilitation and resettlement program. [10]	CO4	III
	OR		
18	Explain the role of public consultation and its importance in EIA. [10]	CO4	II
19	Discuss about the socio economic impacts associated with a project involving Mass Rapid Transport system by conducting an environmental impact assessment study. [10]	CO5	V
	OR		
20	Report a case study of EIA pertaining to the phases of an irrigation project. [10]	CO5	V