



B.Tech V Semester Regular/Supplementary Examinations, February 2024

Environmental Impact Assessment
 (Civil Engineering)

Maximum Marks: 70

Date: 27.02.2024 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	List the EIA methods.	CO1	I
2	What is rapid and comprehensive EIA?	CO1	I
3	List any four projects that could affect soil environment.	CO2	I
4	Mention the sources of noise pollution.	CO2	I
5	What are the benefits of Post Environmental Audit?	CO3	I
6	List any four methods to mitigate social impacts due to development projects.	CO3	I
7	What are the essential components of an Environmental Monitoring Plan?	CO4	I
8	What is the significance of public hearing process?	CO4	I
9	Give any four environmental impact of real estate project.	CO5	I
10	List any four impacts caused by wastewater treatment projects.	CO5	I
Part-B			Bloom Tx level
Answer All the following questions.		(5X10M=50Marks)	
11	a) Give an account of the need and importance of EIA. (4) b) Discuss EIA notification 2006. (6)	CO1	I II
OR			
12	What are the major methodologies for EIA? Explain any two in detail. (10)	CO1	II
13	Discuss in detail check list and matrix method with an example. (10)	CO2	I
OR			
14	Present the causes, effects and control strategies of environmental impact in deforestation. (10)	CO2	II
15	Discuss the Identification of impacts and suggest mitigation measures for soil. (10)	CO3	I
OR			
16	Present typical structure of an EIA Report and discuss a framework for the review of EIA Reports. (10)	CO3	II

17	Discuss the considerations associated with rehabilitation and resettlement plan. (10)	CO4	I
	OR		
18	Give an account of the socio economic impacts usually encountered due to development. (10)	CO4	I
19	It is proposed to lay a National Highway to connect three state capitals. What will be the Beneficial, detrimental, direct, indirect, short term, long term, single and cumulative impacts? List any four effects under each type of impact and describe. (10)	CO5	II
	OR		
20	Describe in detail the Environment management plan for Air, Water and Land environment for thermal power plant project. (10)	CO5	II