



# PRESIDENCY UNIVERSITY

BENGALURU

Roll No.													
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## End - Term Examinations – MAY 2025

Date: 24-05-2025

Time: 09:30 am – 12:30 pm

<b>School:</b> SOCSE	<b>Program:</b> B. Tech- CAI\CBC\CBD\CCS\CDV\CIT\COM\CSD\CSE\CSG\ISE\IST	
<b>Course Code:</b> CIV2005	<b>Course Name:</b> Environmental Impact Assessment	
<b>Semester:</b> VI	<b>Max Marks:</b> 100	<b>Weightage:</b> 50%

CO - Levels	C01	C02	C03	C04	C05
<b>Marks</b>	<b>6</b>	<b>60</b>	<b>34</b>	<b>-</b>	<b>-</b>

### Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

### Part A

Answer ALL the Questions. Each question carries 2marks.

10Q x 2M=20M

1.	List any two key elements of environmental impact assessment (EIA)	2 Marks	L1	C01
2.	Name the three core values of environmental impact assessment (EIA)	2 Marks	L1	C01
3.	List any two purpose of environmental impact assessment (EIA)	2 Marks	L1	C01
4.	Name any four projects which causes impact on noise environment	2 Marks	L1	C02
5.	Define the following term related to water pollution a) Point source b) Non-point source	2 Marks	L1	C02
6.	Define noise pollution and list the effects of noise pollution	2 Marks	L1	C02
7.	Define air pollution and list any two sources of air pollution	2 Marks	L1	C02
8.	Define the term mitigation in environmental impact assessment (EIA)	2 Marks	L1	C02
9.	Define the following terms related to environmental impact assessment (EIA) a) Public concerned b) mitigation	2 Marks	L1	C03
10.	Define citizen participation in environmental impact assessment (EIA)	2 Marks	L1	C03

## Part B

### Answer the Questions.

**Total Marks 80M**

<b>11.</b>	<b>a.</b>	Explain the solution for noise pollution and also mention the sources of noise pollution	10 Marks	<b>L2</b>	<b>C02</b>
	<b>b.</b>	Explain the source and effects of following air pollutants a) Carbon monoxide b) particulate matter	10 Marks	<b>L2</b>	<b>C02</b>
<b>Or</b>					
<b>12.</b>	<b>a.</b>	Explain the following methods to control air pollution a) Preventative measures b) Control measures using equipment's.	10 Marks	<b>L2</b>	<b>C02</b>
	<b>b.</b>	Explain the importance of Surface water quality parameters in assessment of impact on water environment	10 Marks	<b>L2</b>	<b>C02</b>
<b>13.</b>	<b>a.</b>	Explain the Basic steps for Prediction and Assessment of Impacts on the air environment.	20 Marks	<b>L2</b>	<b>C02</b>
<b>Or</b>					
<b>14.</b>	<b>a.</b>	Explain the Basic steps for Prediction and Assessment of Impacts on the water environment.	20 Marks	<b>L2</b>	<b>C02</b>
<b>15.</b>	<b>a.</b>	Explain a framework for impact mitigation with the help of neat sketch	10 Marks	<b>L2</b>	<b>C02</b>
	<b>b.</b>	Explain the Key requirements of public participation in environmental impact assessment (EIA)	10 Marks	<b>L2</b>	<b>C03</b>
<b>Or</b>					
<b>16.</b>	<b>a.</b>	Explain the following types of Compensating for impacts a) Monetary compensation b) Resettlement plans c) Site remediation bonds	10 Marks	<b>L2</b>	<b>C02</b>
	<b>b.</b>	Explain the public participation techniques used in environmental impact assessment (EIA)	10 Marks	<b>L2</b>	<b>C03</b>
<b>17.</b>	<b>a.</b>	Explain briefly the Analysis of Potential Environmental Impact & Mitigation Measures on airport project	20 Marks	<b>L2</b>	<b>C03</b>
<b>Or</b>					
<b>18.</b>	<b>a.</b>	Explain briefly the Analysis of Potential Environmental Impact & Mitigation Measures on thermal power plant.	20 Marks	<b>L2</b>	<b>C03</b>