



--	--	--	--	--	--	--	--	--	--

10CV847

Eighth Semester B.E. Degree Examination, Jan./Feb. 2021
Environmental Impact Assessment

Time: 3 hrs.

Max. Marks:100

Note: Answer any FIVE full questions, selecting atleast TWO questions from each part.

PART - A

- 1 a. Define EIA and explain the need for EIA studies. (10 Marks)
b. Explain the relationship between EIA, EIS, FONSI and NDS. (10 Marks)
- 2 a. Explain the step by step procedure for conducting EIA. (10 Marks)
b. Enlist and explain the Limitation of EIA. (10 Marks)
- 3 a. Explain the frame work of Impact Assessment with flow chart. (10 Marks)
b. Enlist all and explain any methodology of EIA, with merits and demerits. (10 Marks)
- 4 a. Enlist all attributes under consideration. (08 Marks)
b. Explain the Prediction and Assessment of Impact on Noise environmental attributes. (12 Marks)

PART - B

- 5 a. Explain EIA guidelines for developmental project with flow chart. (12 Marks)
b. Differentiate Rapid EIA and Comprehensive EIA. (08 Marks)
- 6 a. What are the advantages and disadvantages of Public Participation in decision making process of EIA? (10 Marks)
b. Explain the practical consideration in preparing EIA and EIS. (10 Marks)
- 7 a. Explain the mathematical modelling of EIA. (10 Marks)
b. Explain the EIA results of Highway projects. (10 Marks)
- 8 a. Explain EIA for water resource developmental projects. (10 Marks)
b. Explain Impacts of Nuclear power plant and Mining projects on Environment to be consider. (10 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.