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10CV847

Eighth Semester B.E. Degree Examination, Aug./Sept. 2020
Environmental Impact Assessment

Time: 3 hrs.

Max. Marks: 100

Note: Answer FIVE full questions, selecting at least TWO questions from each part.

PART – A

- 1 a. Define EIA and with the help of flow chart, explain the relationship between EIA, EIS and FONSI. (10 Marks)
b. Explain the need of EIA studies. (05 Marks)
c. Explain in brief base line information in EIA. (05 Marks)
- 2 a. With a help of neat flow chart, explain the step-by-step procedures for conducting EIA. (10 Marks)
b. List the various limitations of EIA and explain the same. (10 Marks)
- 3 a. With the help of a flow chart, explain the flame work of EIA. (10 Marks)
b. List the methodologies of EIA and explain any two. (10 Marks)
- 4 a. Discuss the various steps involved in assessment and prediction of impact on socio-Economic environment. (10 Marks)
b. Explain the steps that are to followed when conducting an EIA for water environment. (10 Marks)

PART – B

- 5 a. Outline the MOEF guidelines for development projects. (10 Marks)
b. Explain DEIS, FEIS, REIA and CEIA. (10 Marks)
- 6 a. Define public participation? What are the advantages and disadvantages of public participation? (10 Marks)
b. Explain the different practical considerations in preparing EIA and statements. (10 Marks)
- 7 a. Outline the salient features of project activity and environmental parameters relationship. (10 Marks)
b. Explain in detail, the environmental impacts of mining project. (10 Marks)
- 8 List the environmental impacts of,
a. Nuclear power plant projects.
b. Thermal power plant.
c. Infrastructure construction activities.
d. Highway projects. (20 Marks)

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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.