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10CV847

Eighth Semester B.E. Degree Examination, June/July 2017
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. What is an Environmental Impact Assessment? Explain the principles of EIA. (10 Marks)
b. Differentiate between REIA – CEIA and CEQ - FONSI. (10 Marks)
- 2 a. Explain the step – by – step procedure for conducting EIA. (10 Marks)
b. Explain the limitations of EIA (10 Marks)
- 3 a. Outline the framework for EIA studies, with the help of flow chart. (08 Marks)
b. What are the various types of methodologies in EIA? Discuss any two methodologies in brief. (12 Marks)
- 4 a. Write brief note on Cultural and Socio – Economic Environment. (08 Marks)
b. Explain the prediction and assessment of impact on the following attributes :
i) Air ii) Water iii) Soil iv) Land Ecology. (12 Marks)

PART – B

- 5 a. Briefly explain eh Rapid EIA and comprehensive EIA. (08 Marks)
b. Write a note on EIA guidelines for development projects with suitable examples. (12 Marks)
- 6 a. Explain the importance of Public Participation Pprogramme in Environmental decision making. (12 Marks)
b. Explain briefly Practical Considerations in Preparing EIA. (08 Marks)
- 7 a. Enumerate the salient features of the Project activity and environment parameter relationship. (12 Marks)
b. Briefly explain the different Environment Impact Matrices. (08 Marks)
- 8 Outline the EIA aspects of following projects :
a. Water resource development projects. (10 Marks)
b. Highway projects. (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.