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10CT841

Eighth Semester B.E. Degree Examination, June/July 2019
Environmental Impact Assessment

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, selecting at least TWO full 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 and CEIA. Explain the benefits of EIA. (05 Marks)
c. Explain the benefits of EIA. (05 Marks)
- 2 a. Explain the step by step procedure for conducting EIA. (10 Marks)
b. Explain the limitations of EIA. (10 Marks)
- 3 a. With the help of a flow diagram, explain the frame work of impact assessment. (10 Marks)
b. What are the various types of methodologies in EIA? Discuss any two methodologies in brief. (10 Marks)
- 4 a. Write brief note on cultural and socio-economic environment. (10 Marks)
b. Briefly explain the procedure for assessment of impacts on surface water environment. (10 Marks)

PART - B

- 5 a. Briefly explain the Rapid EIA and comprehensive EIA. (10 Marks)
b. Write a note on EIA guidelines for development projects with suitable examples. (10 Marks)
- 6 a. Explain the importance of public participation programme in environment decision making. (10 Marks)
b. What are the practical considerations to be considered in preparing environmental impact? (10 Marks)
- 7 a. Comment on objectives and scope of environmental parameters relationship. (12 Marks)
b. Briefly explain the different environment impact matrices. (08 Marks)
- 8 a. Briefly explain environmental impact quantification of water resource development projects. (10 Marks)
b. Outline the EIA aspects of highway projects. (10 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.