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10CV847

**Eighth Semester B.E. Degree Examination, Dec.2018/Jan.2019**  
**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 Environmental Impact Assessment (EIA) and Environmental Impact Statement (EIS). With the help of neat flow chart, explain the relationship between EIA, EIS and FONSI. (14 Marks)  
b. Write a short note on need for EIA studies. (06 Marks)
- 2 a. With the help of flow chart, explain the step - by - step procedure for conducting EIA. (14 Marks)  
b. Explain the limitations of EIA. (06 Marks)
- 3 Explain any four EIA methodologies in detail. (20 Marks)
- 4 a. Explain various steps involved in prediction and assessment of Impacts on Air Environment. (10 Marks)  
b. Explain various steps involved in prediction and assessment of Impacts on Water Environment. (10 Marks)

**PART - B**

- 5 a. Explain EIA guidelines for developmental projects. (10 Marks)  
b. Write a short note on Rapid and Comprehensive EIA. (10 Marks)
- 6 a. Write a short note on Public participation along with merits and demerits. (10 Marks)  
b. Explain various practical considerations in public participation of EIA process. (10 Marks)
- 7 a. Explain salient features of project activity environmental parameter activity relationships. (10 Marks)  
b. Explain various environmental impacts due to thermal power project. (10 Marks)
- 8 a. Explain the EIA for water resource project. (10 Marks)  
b. Explain various impacts due to nuclear power plant project. (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.