

**B.Tech. CIVIL ENGINEERING (BTCLEVI)**

**Term-End Examination**

00983

**June, 2018**

**BICEE-014 : ENVIRONMENT IMPACT ANALYSIS OF  
CIVIL ENGINEERING PROJECTS**

*Time : 3 hours*

*Maximum Marks : 70*

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*Note : Answer any **seven** questions. All questions carry equal marks.*

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1. Justify the need of Environmental Impact Assessment (EIA) and explain the limitations of EIA. 10
  
2. Which factors need to be taken into consideration while assessing the environmental impact of power projects ? Explain. 10
  
3. What is the role of EIA in sustainable development ? 10
  
4. What are the elements of an Environmental Impact Statement (EIS) ? At what stage is public participation solicited and how ? Explain. 10

5. What are the various indicators for describing the affected environment, as the result of a project? 10
  6. Explain in brief the different methods for identification of environmental impact of a project. 10
  7. Give one national case study on assessment of environmental impact of a project on waste disposal. 10
  8. Explain in detail the process involved in preparation of an EIA document. 10
  9. Discuss the role of public participation in Environmental Impact Assessment (EIA). 10
  10. Write short notes on any **two** of the following :  $2 \times 5 = 10$ 
    - (a) Environmental Indices
    - (b) EIA of Hazardous Wastes
    - (c) Role of United States Environmental Protection Agency (USEPA)
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