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BICEE-014

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

Term-End Examination

June, 2019

**BICEE-014 : ENVIRONMENTAL IMPACT
ANALYSIS OF CIVIL ENGG. PROJECTS**

Time : 3 Hours

Maximum Marks : 70

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

1. What is EIA ? What are its objectives ? Explain the role of screening in the EIA process. 10
- 2, What do you understand by socio-economic impact analysis ? How is it relevant to EIA process ? Discuss with an example. 10
3. Explain the types of pollution from a paper and pulp mill in detail. 10
4. (a) Discuss the role of impact assessment division and CPCB in EIA process. 5
(b) Write the contents of an EIA report. 5

(A-34) P. T. O.

5. Discuss, with the help of a case study, the prediction and assessment of the impacts on surface water and soil. 10
6. Discuss the possible impact on marine ecology by a typical natural gas based power plant project. 10
7. (a) Explain 'Environmental Indicators' for describing affected environment. 4
(b) Explain the procedure of prediction and assessment of impacts on air quality. 6
8. How is an EIA document prepared ? Explain the process involved in detail. 10
9. Write short notes on the following : 2×5
 - (a) Role of United States Environmental Protection Agency (USEPA)
 - (b) Matrix method of Impact identification.