

B.Tech. CIVIL ENGINEERING (BTCLEVI)

Term-End Examination

00232 December, 2017

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

Time : 3 hours

Maximum Marks : 70

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

1. Write down the key features of the National Environmental Policy Act. Which features of this Act are missing in India ? 10
2. Describe the Environmental Impact Analysis (EIA) process with the help of a flow chart. 10
3. Which factors need to be taken into consideration while assessing the environmental impact of wastewater treatment facilities ? 10

4. Using the checklist method, prepare a list of environmental attributes which can reflect impact on the environment from a particular project. 10
5. Give one national case study on assessment of environmental impact of a project on vegetation and wildlife. 10
6. How is an EIA document prepared ? Explain the process involved in detail. 10
7. List down the indicators used for describing the affected environment as the result of a project. 10
8. What are the different kinds of pollution that can be caused by a major construction project and how can it be minimised ? Explain. 10
9. Explain the limitations of Environmental Impact Assessment. 10
10. Write short notes on any *two* of the following : 2×5=10
 - (a) Role of Public Participation in EIA
 - (b) Environmental Monitoring
 - (c) Goals of EIA