

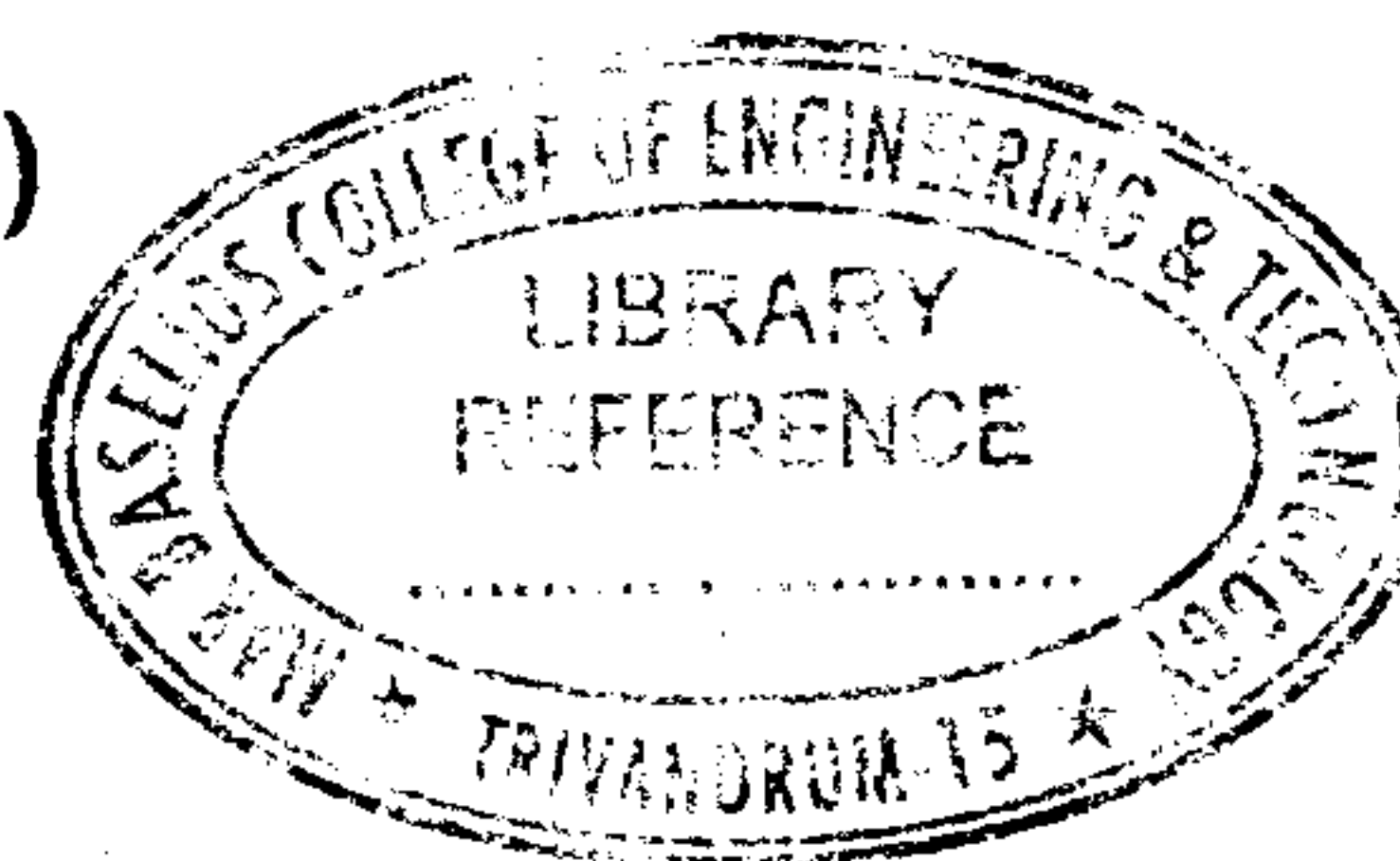


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C – 2345

Reg. No. : .....

Name : .....



**Eighth Semester B.Tech. Degree Examination, May 2017  
(2013 Scheme)**

**13.805.6 : ENVIRONMENTAL IMPACT ASSESSMENT (C)**

Time : 3 Hours

Max. Marks : 100

**Instruction :** Answer *all* questions in Part – A and *any one full* question from *each* Module in Part – B.

**PART – A**

1. Write the major components of Environment and how these components are interrelated with man.
2. Differentiate Event Tree Analysis from Fault Tree Analysis.
3. Briefly state the responsibilities of different stakeholders in the EIA Process.
4. Write short notes on “Cost Benefit Analysis” technique for selecting the alternative.
5. Write the impact of air pollution on man and vegetation. (5×4=20)

**PART – B  
Module – 1**

6. Explain the socio, economic and environmental dimensions of sustainable development and their interlinkages. 20

OR

7. Write the major features of National Environmental Policy 2006 announced by Government of India. 20

**Module – 2**

8. Write the Environmental Clearance Process followed in India for the different categories of projects. 20

OR

9. Write the major features of Public Hearing Notification of Government of India. 20

P.T.O.



**Module – 3**

10. What is checklist in the context of EIA ? Discuss the advantages and disadvantages of checklist. 20

OR

11. Write notes of "Modelling techniques". Write the advantages and disadvantages of simulation modelling and write in detail the various steps involved in Mathematical Modelling. 20

**Module – 4**

12. What are the basic concepts of noise measurement ? Furnish the summary of the cause and effect of noise. What measures are required to control noise pollution. 20

OR

13. What is Environmental Management Plan (EMP) ? Briefly explain the various requirements for implementing an EMP. 20
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