



Reg. No. : .....

Name : .....

**Eighth Semester B.Tech. Degree Examination, December 2013  
(2008 Scheme)**

**08.805.18 : RESEARCH METHODOLOGY (MPU)**

Time: 3 Hours

Max. Marks: 100

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

**PART – A**

**(10×4=40 Marks)**

1. What are the objectives of research ?
2. Explain what a research plan is.
3. What are the demerits of data collection through questionnaires ?
4. What makes a good research stand out ?
5. Why is data analysis considered necessary ?
6. Clarify task of interpretation.
7. Explain simple regression.
8. Why is conclusion an important step in a technical paper ?
9. Give the general format of presenting journal papers in the reference session of the report.
10. What are the benefits of research to society ?



**PART – B**

**Module – I**

11. a) Explain the idea of identifying gap areas from literature review and how can there made good use of. 10
- b) Explain research methods and research methodology. 10

OR



12. a) With the help of a flow-chart describe the Research Process. 10  
b) Differentiate between academic research and practical research. 10

### Module – II

13. a) Explain a research design in detail. 10  
b) Discuss regression analysis. 10

OR

14. a) Discuss different data collection methods. 10  
b) Discuss one technique for data processing. 10

### Module – III

15. a) Describe the layout of a research report. 10  
b) What are the important points to be observed in preparing a research proposal ? 10

OR

16. a) Discuss the preparation for an effective oral presentation. 10  
b) Why is fielding questions following an oral presentation necessary ? 10