



Reg. No. : .....

Name : .....

**Eighth Semester B.Tech. Degree Examination, April 2015  
(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**

1. Differentiate between conceptual and empirical research.
2. Discuss the importance of experimentation in research.
3. Outline the steps in research process.
4. Amplify the concept of research design.
5. Discuss two methods of data collection.
6. Discuss how research benefit society.
7. What does "Partial correlation" seek to bring forth ?
8. What is the main emphasis of a technical report ?
9. What considerations should go into a research report ?
10. Clarify "Interpretation" in the context of research findings. 40



**PART – B**

**Module – I**

11. a) Discuss ways of arriving at a 'Research Problem'. 10  
b) Discuss criteria of a good research. 10
12. a) Explain the process of carrying out research. 10  
b) Discuss the need for literature survey. 10

**Module – II**

13. a) Discuss the need for and features of Research Design. 10  
b) What are the basic principles of experimental design? 10
14. a) Discuss various methods of data collection. 10  
b) Elaborate on the different types of analysis of data. 10

**Module – III**

15. a) Describe the layout of research report, covering all relevant points. 10  
b) Describe the different forms in which a research work may be reported. 10
16. a) Explain the technique and importance of oral presentation of research findings. 10  
b) What is the importance of “Bibliography” in the context of research report? 10

