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**7605**

Reg. No. : ..............................

Name : ....................................

## Eighth Semester B.Tech. Degree Examination, November 2015
### (2008 Scheme)
### 08.805.18 : RESEARCH METHODOLOGY (MPU)

Time : 3 Hours

Max. Marks : 100

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

### PART – A

(10×4=40 Marks)

1. Explain the motivation behind research.

2. Clarify research problem.

3. Give the need for literature review.

4. What is a research plan ?

5. What are the demerits of data collection through interview method ?

6. What is the goal of data analysis ?

7. Why is research report considered significant ?

8. A badly communicated research proposal is as good as none. Comment on this opinion.

9. Explain two factors that make an oral presentation of a research proposal effective.

10. What are the benefits of research to society ?

### PART – B

**Each** question carries **20** marks.

### Module – I

11. a) Explain in detail how a research problem can be identified.

    b) Explain in detail the different research approaches.

OR

12. a) Describe in steps the "Research Process".

    b) Differentiate between academic research and practical research.

## Module – II

13. a) Discuss regression analysis.

    b) What are the different data collection methods ?

### OR

14. a) What are the features of a good research design ?

    b) Discuss one technique for data processing.

## Module – III

15. a) Present the different steps in the preparation of technical paper.          10

    b) Show why a research proposal is significant.                                 10

### OR

16. a) Explain the preparatory steps that go into an oral presentation.            10

    b) Discuss how a practical oral presentation can be made impressive.           10

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