

[LG 801]

APRIL 2015

Sub. Code: 9101

**M.O.T. DEGREE EXAMINATION**  
**(Common to all Branches)**  
**FIRST YEAR**  
**PAPER I – RESEARCH METHODOLOGY**

*Q.P. Code : 419101*

**Time : Three hours**

**Maximum : 100 marks**

**I. Elaborate on :**

**(2 x 20 = 40)**

1. Explain Case Study, Cross Sectional Study, Cohort Study and Clinical Trials.
2. Explain the various types of Research design in detail.

**II. Write notes on :**

**(10 x 6 = 60)**

1. Pilot Study
2. Likert Scale
3. Characteristic of a good Report
4. Probability
5. Literature Survey
6. Graphical Representation
7. What is effect size?
8. Frequency Distribution
9. Probability Sampling
10. Bias in Research

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