



[Time: 3 Hours]

[Max. Marks: 100]

**RESEARCH METHODOLOGY AND MEDICAL STATISTICS**

**PAPER I**

**(Revised Scheme)**

**Q.P. CODE: 8501**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions

**LONG ESSAY**

**2 X 15 = 30 Marks**

1. Discuss the concept of Co-relation and Regression with Interpretation. Give an example.
2. Define 'Anusandhan'. Explain in detail about Literary research.

**SHORT ESSAY**

**4 X 10 = 40 Marks**

3. Explain about Fundamental Research.
4. Explain about Clinical Research.
5. Mean, Median and Mode
6. Mention the tests of Significance. Write the students 't' test, with suitable examples

**SHORT ANSWERS**

**6 X 5 = 30 Marks**

7. Chromatography techniques
8. Presentation of Data
9. Write the biological effects of Radiation.
10. Standard Deviation
11. Electrophoresis
12. Collection of Data

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