

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
**(A DEEMED TO BE UNIVERSITY)**

Time : 3 Hrs.

Pre. Ph.D. Examination June-2017

[Max. Marks: 100]

Paper – I

Research Methodology & Biostatistics

Q.P. Code: 1111

*Your answers should be specific to the questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100 Marks**

1. Discuss the impact of research towards evidence based medical practice.
2. Explain briefly what are phase I,II and III clinical trials.
3. What is a research protocol? How would you go about in formulating this?
4. What are the various methods in analysing data in research. Name some statistical packages and their applications.
5. What do you understand by the terms- “reliability”, “validity” and “feasibility” as a means of measure. What is their importance in research?
6. What is bibliography? Why is it essential? Explain the term “Plagiarism”.
7. What are search engines? Name a few important ones with their advantages.
8. How do “Boolean Operators” help in literature search? Give examples.
9. What is “consent”? Briefly describe its importance and the issues involved in patient research?
10. Discuss the importance of a pilot study in research.

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