

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

Time : 3 Hrs.

Pre. Ph.D. Examination May 2024

[Max. Marks : 100]

Paper – I

Research Methodology & Biostatistics

Q.P Code: A1011

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

(Each question 10 marks)

10 X 10 = 100 Marks

1. Explain the characteristics of a research question.
2. Describe the different types of cohort studies.
3. Details to be specified in the informed consent form.
4. What is experimental epidemiology? Explain Non RCT with an example.
5. Application of non-parametric tests in research
6. Analysis of variance.
7. Systematic review.
8. Bibliography and plagiarism.
9. Ethical principles to be followed in medical research involving human subjects.
10. What factors determine the sample size of a study?

* * *