

March-2025

March-25

BLDE (DEEMED TO BE UNIVERSITY)

Pre – Ph.D. Course Work Examination

[Time: 1 ½ Hours]

[Max Marks: 50]

Paper I: RESEARCH METHODOLOGY

QP CODE – 6007

I. Answer ANY TWO of the following **2 x 10 = 20 Marks**

1. Define Variables. Describe dependent and independent variables with suitable examples.
2. What are types of data? How do you present data? Add a note on impact of computer on data analysis
3. Discuss interpreting 'p' values and statistical significance.

II. Answer ANY FOUR of the following **4 x 5 = 20 Marks**

4. Statistical Softwares used in research.
5. Advantages and disadvantages of animal experimentation in research.
6. Describe the types of hypotheses used to address a research problem
7. RCT
8. Steps in research process

III. Answer the following **5 x 2 = 10 Marks**

9. ANOVA
10. Copyright
11. What is informed consent?
12. Define Footnotes and bibliography.
13. What is feasibility report?