

OCT - 2024

# 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. What are the types of data? How do you present data? Add a note on impact of computer on data analysis.
2. Define sample explain briefly various probability and non-probability methods of sampling with suitable examples.
3. Discuss in brief Fraud in medical research and measure to prevent it.

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

4. Testing of Hypothesis.
5. Organization of research report.
6. Explain differences between questionnaire and schedule?
7. Role of referee in scientific publication.
8. Impact of Internet revolution on Biomedical Research.

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

9. What is prevalence?
10. What is conflict of interest?
11. What is Informed consent?
12. What is population in research?
13. Define observation.

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#### Paper III: Research & Publication Ethics

QP CODE - 6009

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

1. Write in details on plagiarism and redundant publications.
2. Write briefly on authorship criteria. What do you mean by authorship dispute?
3. Write a note on Scopus with a special reference to cite score

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

4. Name some research metrics and their functions.
5. ICMJE
6. Institutional Animal Ethics Committee (IAEC)
7. World Association of Medical Editors (WAME)
8. Research integrity

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

9. What do you mean by intellectual property?
10. What is JCR by Clarivate?
11. What is scientific misconduct?
12. Name three ways of research evaluation
13. What do you mean by publication?