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SUBJECT CODE NO: - FF-6611
FACULTY OF SCIENCE AND TECHNOLOGY
M.Sc. (Sem-I) (Zoology)
Examination January-2023
Research Methodology ZOO-104

[Time: 2:30 Hours]

[Max. Marks: 40]

Please check whether you have got the right question paper.

N. B

- 1) The question paper is divided into two parts.
- 2) Part- A is compulsory.
- 3) Attempt any five questions part. B
- 4) Draw a neat labelled diagram whenever necessary.

Q1 Multiple choice questions (Each question carries 2 marks)

10

- 1) Which among the following Statement is always not true about ethics?
 - a) Ethics is a set of Contextual moral standards and values acceptable in Society.
 - b) Ethics is normative or prescriptive
 - c) All the ethical principles are universal
 - d) Ethics are an expression of a society's attitudes and beliefs
- 2) Researchers should take all responsibility for their Contributions to all publications.
 - a) Integrity
 - b) Authorship
 - c) Conflict of Interest
 - d) Communication
- 3) Alternative Hypothesis is also called as
 - a) Compositive hypothesis
 - b) Research hypothesis
 - c) simple hypothesis
 - d) Null hypothesis

- 4) Which ethical principle asks to share data, results, ideas, tools, resources, etc.
 - a) Objectivity
 - b) Integrity
 - c) Legality
 - d) Openness
- 5) What is the purpose of Research?
 - a) Exploration
 - b) Description
 - c) Explanation
 - d) All above

PART B

Attempt any five.

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| Q2 What is Research Hypothesis. | 06 |
| Q3 Enlist the essential qualities of researcher. | 06 |
| Q4 What is research design and describe the types of research design. | 06 |
| Q5 What is Statistical inference? What- is purpose of Statistical inference in research. | 06 |
| Q6 How to judge the depth of any research Mention the points of reliable research. | 06 |
| Q7 Describe in detail steps of thesis writing | 06 |
| Q8 Write short note on (Any two) | 06 |
| a) Method of Collecting primary data | |
| b) Research objectives | |
| c) Data Collecting techniques. | |