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**SUBJECT CODE NO:- 6560**  
**FACULTY OF SCIENCE & TECHNOLOGY**  
**M.Sc. (Sem-I)**  
**Examinations March/April-2022 (To be held in June/July-2022)**  
**Zoology**  
**Research Methodology ZOO-104**

[Time: 2:30 Hours]

[Max. Marks:40]

N.B

Please check whether you have got the right question paper.

1. The question paper is divided into two parts.
2. Part 'A' is compulsory.
3. Attempt any five questions from Part 'B'.
4. Draw a neat labeled diagram whenever necessary.

**Part A**

Q.1 Multiple choice questions. (Each question carries 2 marks)

(10 Marks)

1. The different types of research are on the basis of.....
  - a) Approach
  - b) Purpose
  - c) Nature
  - d) All of the above
2. "The specific techniques used to identify, select, process, and analyse information about topic" is known as....
  - a) Special Technique
  - b) Special Methodology
  - c) Research Methodology
  - d) Research Technology
3. What is the purpose of Research?
  - a) Exploration
  - b) Description
  - c) Explanation
  - d) All of the above

4. A specific issue, difficulty, contradiction or gap in knowledge that you will aim to address in your research, is known as.....
  - a) Research Problem
  - b) Topic Problem
  - c) Research Question
  - d) Topic Question
  
5. What is a function of a literature review?
  - a) To provide reliable research findings
  - b) To provide a theoretical background to the study
  - c) To identify a research problem
  - d) To demonstrate that you can use the internet

### Part B

- |     |   |   |
|-----|---|---|
| Q.2 | What is research? Explain the types of research?  | 6 |
| Q.3 | What is research design and describe the types of research design?  | 6 |
| Q.4 | Explain in detail various presentation techniques?  | 6 |
| Q.5 | Describe in detail steps of thesis writing?   | 6 |
| Q.6 | Explain in detail concept of bioethics?   | 6 |
| Q.7 | write a short note on (any two)   | 6 |
|     | <ol style="list-style-type: none"> <li>a) Characteristics of life science</li> <li>b) Hypothesis</li> <li>c) Data collection techniques</li> <li>d) Online library</li> </ol> |   |