



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
SECOND YEAR SECOND SEMESTER**

**SCHOOL OF PURE APPLIED AND HEALTH
SCIENCES
BACHELOR OF SCIENCE (MICROBIOLOGY)**

**COURSE CODE: ZOO 2227-1
COURSE TITLE: RESEARCH METHODS**

DATE: 15/4/2024

TIME: 0830-1030 HRS

Instructions

A. Answer ANY TEN (10) questions.

B. Illustrate your answers with diagrams and give examples where appropriate.

ANSWER ANY TEN (10) QUESTIONS (70 MARKS)

1. Explain the characteristics of research. **(7 marks)**
2. Give the primary and secondary methods of exploratory research. **(7 marks)**
3. State and define the different types of qualitative methods. **(7 marks)**
4. Define data and explain the stages followed while preparing data for analysis. **(7 marks)**
5. Explain the advantages and disadvantages of exploratory research. **(7 marks)**
6. Give the applications and advantages of descriptive research. **(7 marks)**
7. Explain the characteristics and types of explanatory research. **(7 marks)**
8. Explain types and properties of measurement scales. **(7 marks)**
9. Define statement of problem and explain how it is written. **(7 marks)**
10. Explain the focus of professional editing of manuscripts. **(7 marks)**
11. During questionnaire design, explain the differences between closed-ended and open-ended questions. **(7 marks)**
12. Describe the characteristics of exploratory research. **(7 marks)**
13. State and explain the factors to consider during the administration of the questionnaire. **(7 marks)**
14. Elucidate the rationale for conducting research. **(7 marks)**
15. Outline the stages comprising sampling processes. **(7 marks)**

END
