



**AMREF INTERNATIONAL UNIVERSITY  
SCHOOL OF PUBLIC HEALTH  
DEPARTMENT OF COMMUNITY HEALTH  
DIPLOMA IN COMMUNITY HEALTH  
END OF SEMESTER EXAMINATION APRIL 2024**

**UNIT CODE** DCHP 218  
**UNIT NAME** RESEARCH METHODS  
**DATE:** 15<sup>th</sup> APRIL 2024  
**TIME:** Start 4.30 PM Stop 6.30 PM

**INSTRUCTIONS**

1. This exam is marked out of 60 marks
2. This Examination comprises TWO Sections  
**Section A:** Short Answer Questions (20 marks)  
**Section B:** Long Answer Questions (40 marks)

**SECTION A: SHORT ANSWER QUESTIONS: COMPULSORY (20 MARKS)**

1. Define the term sample (2 Marks)
2. State three importance of research objectives (3 Marks)
3. Outline four characteristics of a good research question (4 Marks)
4. State four importance of research (4 Marks)
5. Highlight four reasons for sampling (4 Marks)
6. Outline three ethics in research (3 Marks)

**SECTION B: LONG ANSWER QUESTIONS: ANSWER ANY TWO QUESTIONS (40 MARKS)**

7. Describe the following probability sampling technique. (20 Marks)
  - a) Simple Random Sampling
  - b) Systematic Sampling
  - c) Stratified Sampling
  - d) Cluster Sampling:
8. Data can be collected using different research instruments.
  - a) Explain five types of data collections instruments (10 Marks)
  - b) Discuss five sources of literature review (10 Marks)
9. Discuss the following types of research (20 Marks)
  - a) Experimental research
  - b) Descriptive research
  - c) Exploratory research
  - d) Applied research