



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
BACHELOR OF SCIENCE IN COMMUNITY HEALTH
END OF SEMESTER EXAMINATION AUGUST 2026

MAIN EXAMS

UNIT CODE: CHP 233 **UNIT NAME:** RESEARCH METHODS

Date : **13th AUGUST 2026**

TIME : TWO (2) Hours Start-----5:30 PM-----End.....7:30 PM

INSTRUCTIONS

1. This exam is marked out of 70 marks
2. This Examination comprises TWO Sections
 Section A: Compulsory Question (30 marks)
 Section B: Long Answer Questions (70 marks)

SECTION A: COMPULSORY (30 Marks)

Answer all questions

1. Define the following terms:
 - a. Research (1mark)
 - b. Research problem (1mark)
 - c. Hypothesis(1mark)
 - d. Validity (1mark)
 - e. Reliability (1mark)
2. State four purposes of research in community health (4 Marks)
3. Differentiate between quantitative research and qualitative research (4 Marks)
4. Distinguish between citation and referencing in research(4 Marks)
5. State five ethical principles that must be observed when conducting research involving human participants (5 Marks)
6. Differentiate between probability and non-probability sampling methods(4 Marks)
7. Outline four common methods of disseminating research findings. (4 Marks)

SECTION B

ANSWER ANY TWO (2) QUESTIONS (40 Marks)

Question 8

A County Health Department has observed a decline in childhood immunization uptake among children under five years in Makueni County and wishes to conduct a study to establish the factors responsible

- a. Develop an appropriate research title for the study. (2 Marks)
- b. Formulate:
 - i. One general objective (2 Marks)
 - ii. Four specific objectives (4 Marks)
- c. Develop four research questions based on the specific objectives (4 marks)
- d. Construct a simple conceptual framework showing the relationship between at least three independent variables and the dependent variable in the study. Clearly label all variables (8 marks)

Question 9

You have been requested to prepare a research proposal on substance abuse among university students in Kenya.

- a. Describe five major sections of a research proposal (10 Marks)
- b. Explain the importance of including the following in a proposal (10 Marks)
 - i. Work plan
 - ii. Budget
 - iii. Appendices
 - iv. Data collection tools
 - v. References

Question 10

A non-governmental organization wants to evaluate a nutrition intervention programme.

- a. Describe eight steps involved in data collection process for the evaluation (8 Marks)
- b. Explain four data collection instruments that you will use in the above evaluation (8 Marks)
- c. Discuss four possible challenges that you may encounter during data collection during the evaluation (4 Marks)