



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
HIGHER DIPLOMA IN COMMUNITY HEALTH PRACTICE
END OF SEMESTER EXAMINATION JAN/APRIL 2024

UNIT CODE: HDCH 016:

UNIT NAME: RESEARCH METHODOLOGY

Date: 12th April 2024

Time: 2 hours 4.30 PM ----- 6.30 PM

INSTRUCTIONS

1. This exam is marked out of 60 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (20 Marks)
Section B: Long Answer Questions (40 Marks)
3. All questions in Section A are compulsory and Answer any TWO questions in Section B
4. This online exam shall take 2 Hours
5. Late submission of the answers will not be accepted
6. Ensure your web-camera is on at all times during the examination period
7. No movement is allowed during the examination
8. Idling of your machine for 5 min or more will lead to lock out from the exam
9. The Virtual Assessment System (VAS) has inbuilt integrity checks to detect cheating
10. Any aspect of cheating detected during and or after the exam administration will lead to nullification of your exam
11. In case you have any questions call the Invigilator on Tel +254720573449
12. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke

SECTION A: ATTEMPT ALL QUESTIONS (20 Marks)

- 1) Define the term research proposal? **(2 Marks)**
- 2) Mention TWO (2) main types of study design in community health research **(2 Marks)**
- 3) State the **FOUR (4)** steps in operations research **(4 Marks)**
- 4) State the **THREE (3)** types of comparative studies **(3 Marks)**
- 5) Mention some of the ethical considerations that are applicable to human research subjects **(5 Marks)**
- 6) Differentiate between the Dependent and Independent Variables? **(2 Marks)**
- 7) State the main difference between primary and secondary sources of data **(2 Marks)**

SECTION B LONG ASSAY QUESTIONS: ANSWER ANY TWO QUESTIONS (20 MARKS)

- 8) Madam Joanee is a community health who is concerned with a high rate un planned pregnancies in her community leading increased rate of abortion. She wants to find out the exact determinants of the high rate of un wanted pregnancies in her village A.
 - a) Describe Three **(3)** specific probable objectives and 3 probable research questions for the study? **(6 Marks)**
 - b) Describe the methodological approach to this study describing each section of chapter **(14 Marks)**
- 9) Ms Joan is intending to conduct a study to investigate factors related to increased rate of malnutrition in her village. In details, describe the major data collection techniques that she may apply when executing her research **(20 Marks)**
- 10) With examples, Discuss five commonly used probability-sampling techniques that prevent bias. **(20 Marks)**