



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
MASTERS IN PUBLIC HEALTH
END OF SEPTEMBER-DECEMBER TRIMESTER 2022 EXAMINATIONS**

MPH 714: RESEARCH METHODS

DATE: 12th December 2022

TIME: Start: 1600 Hours Finish 1900 Hours

INSTRUCTIONS

1. This exam is marked out of 100 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (25 marks)
Section B: Long Answer Questions (75 marks)
3. All questions in Section A are compulsory and Answer any THREE questions in Section B
4. This online exam shall take 3 Hours
5. Ensure your web-camera is on at all times during the examination period
6. No movement is allowed during the examination
7. Idling of your machine for more than 5 min or more will lead to lock out from the exam
8. The Learning Management System (LMS) has inbuilt integrity checks to detect cheating
9. Any aspect of cheating detected during and or after the exam administration will lead to nullification of your results
10. In case you have any questions call the invigilator for this exam on Tel. 0722301689 and or the Head of Department on Tel +25472073449 or The LMS administrator on +254733682489
11. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke

SECTION A: COMPULSORY QUESTION (25 MARKS)

1. Answer the following questions:
 - a) Describe with examples the 3 conditions that a public health problem will meet to warrant research to be conducted **(6 marks)**
 - b) Using examples in public health to distinguish
 - i) Interventional from non-interventional research **(4 marks)**
 - ii) Quantitative from qualitative analysis in research **(4 marks)**
 - c) Explain the rationale for sampling when carrying out public health research **(5 marks)**
 - d) Outline the features of a good graph in presentation of research results **(6 marks)**

SECTION B: SELECT ANY THREE (3) QUESTIONS -75 MARKS

2. Using appropriate examples, discuss the advantages and disadvantages of qualitative research methods in Public Health research **(25 marks)**
3. Describe the main features of the 7th edition of the APA referencing style in conducting literature review **(25 marks)**
4. Using a public health problem of your choice, develop the following sections of its research proposal:
 - a) The title for the research study **(4 marks)**
 - b) Statement of the problem **(6 marks)**
 - c) A broad and 2 specific objectives **(6 marks)**
 - d) Justification and significance of the study **(5 marks)**
 - e) Describe the study design and its rationale **(4 marks)**
5. Discuss the key issues for consideration when:
 - a) Writing a scientific abstract of a research report **(10 marks)**
 - b) Preparing a good table for presenting results **(8 marks)**
 - c) Making a verbal research report/ defense **(7 marks)**