



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
MASTER OF PUBLIC HEALTH
MASTER OF SCIENCE IN SEXUAL REPRODUCTIVE HEALTH RIGHTS & POLICY
MASTER OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT
MASTER OF SCIENCE IN HEALTH PROFESSIONAL EDUCATION
END OF MAY – AUGUST 2025 SEMESTER EXAMINATIONS

MPH/ SRHRP/ HSM/ HPE/ MBE 714: RESEARCH METHODS

DATE: August 15, 2025

TIME: 3 hours

Start: 17:30 Hours

Finish 20:30 Hours

INSTRUCTIONS

1. This exam is marked out of 100 marks
2. This Examination comprises TWO Sections
3. **Section A:** Compulsory Question (25 marks)
4. **Section B:** Long Answer Questions (75 marks)
5. All questions in Section A are compulsory and Answer any THREE questions in Section B
6. This online exam shall take 3 Hours
7. Ensure your web-camera is always on and directly positioned to capture you during the examination period
8. The AMIU VAS-Exams System has inbuilt integrity checks to detect and record cheating activities during examinations
9. Any aspect of cheating detected during and or after the exam administration will lead to disciplinary and nullification of your results
10. In case you have any clarification on the examination questions, call Dr Josephat Nyagero on Tel +254722301689, or the Head of Department on Tel +25472073449 and/ or The VAS Administrator on +254733682489 on system related challenges
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) State 4 characteristics of a good public health/ health systems management/ sexual and reproductive health, rights and policy/ health professional education **(4 marks)**
 - b) Outline the purpose of conducting public health/ health systems management/ sexual and reproductive health, rights and policy/ health professional education research **(5 marks)**
 - c) Outline 5 purposes of using a table to display the research results **(5 marks)**
 - d) Using examples from your area of study specialization, distinguish
 - i) Experimental from quasi-experimental research design for health **(4 marks)**
 - ii) Qualitative from quantitative research **(4 marks)**
 - e) Describe the 3 conditions to be considered in charging that the health problem is researchable **(3 marks)**

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

2. Describe the 3 advantages and 2 disadvantages of three (3) probability and two (2) non-probability sampling procedures that researchers in your field would use in selecting respondents for a quantitative study **(25 marks)**
3.
 - a) Discuss the functions and uses of literature review in public health/ health systems management/ sexual and reproductive health, rights and policy/ health professional education **(8 marks)**
 - b) Outline the key guidelines for carrying out literature review of a topic within your area of professional study **(10 marks)**
 - c) Explain how you would manage to avoid plagiarism during literature review **(7 marks)**
4. Identify a suitable research problem in your area of specialization and develop the following sections of its research proposal:
 - a) Study title **(4 marks)**
 - b) Statement of the problem **(6 marks)**
 - c) 3 objectives for the study **(6 marks)**
 - d) Study justification and significance **(5 marks)**
 - e) Design and its rationale **(4 marks)**
5. Using appropriate examples, discuss the relevance of the 1947 Nuremberg tribunal's 10 directives on "permissible medical experiments" to conducting contemporary public health/ health systems management/ sexual and reproductive health, rights and policy/ health professional education research gaps **(25 marks)**