



AMREF INTERNATIONAL UNIVERSITY
SCHOOL 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 JANUARY – APRIL 2025 EXAMINATIONS

SRHRP/ HSM 714: RESEARCH METHODS

DATE: April xx, 2025

TIME: 3 hours **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 always on and directly positioned to capture you during the examination period
6. The AMIU VAS-Exams System has inbuilt integrity checks to detect and record cheating activities during examinations
7. Any aspect of cheating detected during and or after the exam administration will lead to disciplinary and nullification of your results
8. 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
9. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke with copy to the HoD

SECTION A: COMPULSORY QUESTION (25 MARKS)

1. Answer the following questions:
 - a) Explain the 4 main uses of research in health systems management/ sexual and reproductive health, rights and policy **(4 marks)**
 - b) Using examples from your area of study specialization, distinguish
 - i) A variable from a factor as used in research **(4 marks)**
 - ii) A declarative from a null hypothesis **(4 marks)**
 - c) “The hallmark of research is objectivity’ Discuss this statement **(4 marks)**
 - d) With examples, outline the 3 pertinent questions that a researcher must considered when selecting a suitable research topic **(3 marks)**
 - e) Outline six (6) characteristics of a good table for use in displaying the analysis results **(6 marks)**

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

2. Discuss the 3 non-interventional and 2 interventional research designs that are relevant in carrying out health systems management/ sexual and reproductive health, rights and policy research. **(25 marks)**
3. Choose a suitable health systems management/ sexual and reproductive health, rights and policy research gap 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)**
4. You are the lead consultant assigned to deliver a research that is anchored on a mixed methods design.
 - a) Discuss the rationale for utilizing a mixed research design in delivery of the research consultancy **(6 marks)**
 - b) Describe the 6 advantages and 6 disadvantages of using a questionnaire in the collection of quantitative data for the consultancy **(12 marks)**
 - c) State the title and develop an example of a quantitative tool that you will use in the data collection process **(7 marks)**
5. Describe in details the issues an investigator should cover when preparing the following sections of a research report
 - a) The abstract **(6 marks)**
 - b) The methodology **(6 marks)**
 - c) The Results **(7 marks)**
 - d) The discussion **(6 marks)**