



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH**

**MASTER OF PUBLIC HEALTH
MASTER OF SCIENCE IN SEXUAL REPRODUCTIVE HEALTH RIGHTS & POLICY**

END OF MAY - AUGUST 2026 EXAMINATIONS

MPH/ MSRHRP 714: RESEARCH METHODS

DATE: 06 August, 2026

TIME: 3 hours

Start: 1700 Hours

Finish 2000 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
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) Describe the purpose of research within the context of *public health/ or sexual & reproductive health, rights & policy* (5 marks)
 - b) Using appropriate examples, demonstrate the distinction between:
 - i) A statistic and a parameter as used in health research (5 marks)
 - ii) Broad and specific objectives for research (5 marks)
 - c) Discuss the characteristics of a good sample for health research (5 marks)
 - d) Outline the components that should be included in the discussion section of a research report (5 marks)

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

2. a) You are planning to conduct a health survey in your home County, and every day, you need to interview 20 households selected randomly, for each of the two days. There are a total of 600 households in village one, and 400 in village 2.
 - i) Compute your sampling interval for day one, and for day 2 (4 marks)
 - ii) Describe how you will generate the random numbers (4 marks)
 - iii) Describe how you will randomly select the households (4 marks)b) Discuss at least five sampling procedures that you could use in selecting a sample for a public health/ SRHRP research (13 marks)
3. You are developing your research concept on a health research topic of interest in your area of study, outline the following:
 - 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 carrying out a quantitative health research:
 - a) Describe five (5) factors that a researcher should consider when developing a questionnaire for data collection in health research (12 marks)
 - b) Identify a research title and develop an appropriate quantitative data collection tool to be used (13 marks)
5. Using examples,
 - a) Describe the ten (10) directives 'permissible in medical experiments' based on the Nuremberg Code for health research (15 marks)
 - b) Discuss five (5) responsibilities of investigators during a research (10 Marks)



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SUPPLEMENTARY/ SPECIAL – MAY – AUGUST 2026 EXAMINATIONS

MPH/ SRHRP 714: RESEARCH METHODS

DATE: August xx, 2026

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
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
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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 with copy to the HoD

SECTION A: COMPULSORY QUESTION (25 MARKS)

Compulsory

1. Answer the following questions:
 - a) Using examples in public health/ SRHRP, distinguish qualitative from quantitative approaches to health research **(6 marks)**
 - b) Outline the three pertinent questions to be considered when identifying a health research topic **(6 marks)**
 - c) Explain the three principles of Ethics in health research **(6 marks)**
 - d) Outline the characteristics of a good Table for use to display research results **(7 marks)**

Answer Any three (3)

2. Discuss the procedures you could use in carrying out a comprehensive public health/ SRHRP review of literature **(25 marks)**
3. Discuss any six (6) research designs that a researcher can employ in carrying out a public health/ sexual and reproductive health, rights and policy research **(25 marks)**
4. You are the principle investigator of a study of Public Health and SRHRP on a topic of choice, develop:
 - a) a suitable title for the study **(3 marks)**
 - b) the statement of the problem **(5 marks)**
 - c) Suggest Three (3) research objectives of the study **(6 marks)**
 - d) Outline the justification and significance of the study **(5 marks)**
 - e) Develop a tool for collecting data from respondents/participants **(6 marks)**
5. Describe the issues an investigator should include when preparing the following sections:
 - a) Describe the five (5) steps a researcher can adopt to process data in readiness for its analysis **(10 marks)**
 - b) Using examples, discuss five (5) methods researchers use to present or display research results **(10 marks)**
 - c) Explain the structure that an abstract should contain **(5 marks)**