



**AMREF INTERNATIONAL UNIVERSITY**  
**SCHOOL OF PUBLIC HEALTH**  
**DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT**  
**MASTER OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT**  
**END OF MAY – AUGUST 2024 EXAMINATIONS**

**HSM 714:** RESEARCH METHODS

**DATE:** Monday 12, 2024

**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 Dr Josephat Nyagero on Tel +254722301689, or the Head of Department on Tel +254725984499 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](mailto:amiu.examinations@amref.ac.ke) with copy to the HoD

**SECTION A: COMPULSORY QUESTION (25 MARKS)**

1. Answer the following questions:
  - a) Illustrate using examples the 3 questions that you would consider in determining that a research on a Health Systems Management problem is suitable for you to carry out as an investigator **(4 marks)**
  - b) Outline the characteristics of a good Health Systems Management research **(5 marks)**
  - c) List 6 attributes of a good research title **(4 marks)**
  - d) Distinguish
    - i) Basic from applied research **(4 marks)**
    - ii) Reliability from the validity attributes in a research design **(4 marks)**
  - e) Outline the key components of an APA 7<sup>th</sup> edition referencing style **(4 marks)**

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

2. Discuss the rationale for sampling and types of sampling procedures investigators would utilize in selecting respondents in a Health Systems Management study **(25 marks)**
3.
  - a) Discuss the importance of qualitative methods of collecting data in Health Systems Management research **(10 marks)**
  - b) You have been tasked with the responsibility of carrying out a Key Informant Interview (KII) among project staff of an ongoing intervention study. Develop a comprehensive tool for collecting the qualitative data from these key informants **(15 marks)**
4. Identify a suitable Health Systems Management research problem 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. Describe in details the areas an investigator should cover when preparing a comprehensive written research report **(25 marks)**