



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
BACHELOR OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
END OF SEMESTER EXAMINATION APRIL 2024

UNIT CODE: HMD 415 HEALTH SYSTEM RESEARCH

DATE: April 2024

TIME: Two Hours

INSTRUCTIONS

1. This exam is marked out of 70 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (30 marks)
Section B: Long Answer Questions (70 marks)

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

QUESTION ONE

- a) Name THREE objectives of health systems research. (3 Marks)
- b) Highlight THREE areas in which health systems research influences policy at the national and sub-national levels. (3 Marks)
- c) State FOUR characteristics that define health systems. (4 Marks)
- d) Highlight at least FOUR health system building blocks. (4 Marks)
- e) Name the FOUR main areas of focus in health systems research. (4 Marks)
- f) Differentiate between health needs and health policy as key concern areas in health systems research. (4 Marks)
- g) Outline FOUR key ways in which health systems research is utilized. (4 Marks)
- h) Highlight FOUR areas in which an observational study design assists in research. (4 Marks)

SECTION B: ANSWER ANY TWO (2) QUESTIONS (40 MARKS)

QUESTION TWO

Scientific evidence generated from health research is important to influence policies towards the promotion of health of global populations. Explain five key roles of WHO in advancing health policy and systems research. (20 Marks)

QUESTION THREE

Operational research is mainly, but not exclusively, of use to health care providers. Using clear examples, describe ten characteristics of operational research as one of the health systems research domains. (20 Marks)

QUESTION FOUR

Health systems research depends on various factors to produce evidence that is necessary for improvement of the health and wellbeing of people. Discuss five characteristics of health systems research. (20 Marks)