



**AMREF INTERNATIONAL UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2023**  
**SCHOOL OF PUBLIC HEALTH**  
**DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT**  
**DEGREE IN HEALTH SYSTEMS MANAGEMENT**  
**END OF SEMESTER EXAMINATION, SEPTEMBER-DECEMBER 2023**

**UNIT CODE: HMD 216 Health Needs Assessment**

**DATE :** 13.12.2023

**TIME :** Two (2) Hours

**Start: 4.15PM Stop: 6.15PM**

**Instructions**

- 1) This exam is marked out of 70 marks
- 2) This examination comprises TWO sections  
**Section A:** Compulsory Questions (30marks)  
**Section B:** Long Answer Questions (40 marks)
- 3) Answer **ALL** questions in Section A
- 4) For Section B, answer any two (2) questions of your choice
- 5) Use the university examination booklets provided
- 6) Write your student registration number on all your answer sheets

## SECTION A: COMPULSORY (30 Marks)

### Short Answer Questions

1

- a) Differentiate between a need and a demand as used in health needs assessment (2 marks)
- b) Outline four (4) types of needs assessed in a community (4 marks)
- c) Highlight two (2) ways in which workplace health programs use healthcare cost data (2marks)
- d) State two (2) approaches to health needs assessment (2marks)
- e) Outline three (3) reasons why communities are involved during implementation of community health interventional programs (3marks)
- f) List any three (3) types of health information that is essential to collect during the first stages of an emergency (3marks)
- g) State any three (3) components of a team strategy when planning for health needs assessment (HNA) (3marks)
- h) Identify the four (4) criteria used for prioritizing health interventions during health needs assessment (HNA) (4marks)
- i) Highlight three (3) ways of involving the public during the process of conducting a health needs assessment (3marks)
- j) Given an intervention to construct a special postnatal care facility which increases the quality of life by a utility of 0.6 with 40 years benefit and an extra cost of £300,000; calculate the number of QALYs and cost-effectiveness ratio for this intervention (4marks)

**SECTION B: Answer any two questions in this section (40marks)**

**Long Answer Questions**

2. You are the project manager in Non-Governmental Organization that is interested in provision of health services to marginalized communities in the Northern part of Kenya. Using an illustration, describe the process of conducting program evaluation for this intervention (20marks)
  
3. The gap between the rich and the poor continues to increase in developing countries. Using relevant examples, discuss FIVE ways in which this scenario has led to disparities in access to healthcare (20marks)
  
4. As a project leader at a Non-governmental Organization dealing with sexual and reproductive health, you want to come up with a project to address the issues affecting the youths in Nairobi City County. Using relevant examples, describe the procedure you will follow during a health needs assessment of such a project (20marks )