



**AMREF INTERNATIONAL UNIVERSITY**  
**SCHOOL OF PUBLIC HEALTH**  
**DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT**  
**BSC HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT**  
**END OF SEMESTER EXAMINATION JANUARY-APRIL 2023**

**HMD 216: HEALTH NEEDS ASSESSMENT**

**Date : Friday 14<sup>th</sup> April 2023**

**TIME : Two (2) Hours      2.00 PM-4.00 PM**

**Instructions**

- 1) This paper has two sections; Section A and Section B
- 2) Answer **ALL** questions in Section A
- 3) For Section B, answer any two (2) questions of your choice
- 4) Use the university examination booklets provided
- 5) Write your student registration number on all your answer sheets
- 6) Do not write on the question paper

## **SECTION A**

1. Describe how economic evaluation can be used to inform decision-making in health systems management. (5 marks)
2. Briefly explain 5 significance of health equity and equity audits in health needs assessment (5mks)
3. Describe FIVE ways that determinants of health can impact health needs assessment. (5mks)
4. List 5 ways in which evaluation of health interventions used in health needs assessment (5mks)
5. List FIVE roles of public involvement in health needs assessment and how is it carried out? (5mks)
6. Describe 5 ways in which health needs assessment can be used to address these inequalities. (5mks)

## **SECTION B**

7. You are working in a health clinic and want to evaluate the effectiveness of a current health intervention. Explain how would you use the QALY framework to determine the impact of the intervention on the health and well-being of the patient population? (20mks)
8. Your community is experiencing disparities in health outcomes between different populations. As a group, how would you use health equity audits to identify the root causes of these disparities and develop a plan to address them? (20mks)
9. A local government wants to engage the public in a health needs assessment for their community. How would you design a process for public involvement that ensures meaningful engagement and provides valuable input for the needs assessment? (20mks)