



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
BACHELOR OF SCIENCE IN COMMUNITY HEALTH PRACTICE
END OF SEMESTER EXAMINATION JANUARY- APRIL 2023**

UNIT CODE: CHP 235
UNIT NAME: WATER AND SANITATION
DATE: 14th April 2023
TIME: TWO HOURS
START: 4.00 PM **FINISH:** 6:00 PM

INSTRUCTIONS (Online examinations)

1. This exam is marked out of 70 marks
2. This Examination comprises of two Sections

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. Distinguish between dry and wet conservancies as sanitation systems (4 marks)
2. Water is a source of man's life but can also be a threat to man's life. Explain the validity of this statement (7 marks)
3. Outline three sources of water for domestic use in a rural setting (3 Marks)
4. Highlight THREE challenges associated with access to water for domestic use in rural areas (3 Marks)
5. Outline THREE concepts of Community-led Total Sanitation (3 Marks)
6. State FOUR challenges of Community-led Total Sanitation (4marks)
7. Explain three objectives of water treatment (6 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

8. In one Southern African rural community, open defecation is regarded as "*cultural communication*" to the neighboring communities about the community's food self-sufficiency and it is a source of pride for the community. Although there have been serious incidents of water-borne diseases in the community, the practice persists. As a new community health specialist posted to this community by an international community health agency, discuss this situation citing measures that you would take to address the practice. (20 marks)
9. Two women from a Kenyan rural setting visited a remote village close to River Nile in Uganda. Upon seeing the river, one woman held the position that River Nile water was so clean that there was no need for filtration or any other method of treatment before drinking it. The second woman held the view that since the water was very clean, it only needed disinfection before drinking. Discuss your viewpoint on the positions taken by these two women. (20 marks)
10. Although access to water and sanitation services is a human right, many house-holds in Africa still do not have sufficient water for domestic use. Account for this situation (20 marks).