



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
DIPLOMA IN COMMUNITY HEALTH PRACTICE
END OF JANUARY-APRIL 2023 SEMESTER EXAMINATIONS**

UNIT CODE: DCHP 126
UNIT NAME: LIQUID WASTE MANAGEMENT
DATE: 5th April 2023
TIME: TWO HOURS
START: 9:00 AM **FINISH:** 11:00 AM

INSTRUCTIONS

- 1. Do not write on this question paper**

SECTION A: Short answer Questions (20 MARKS)

1. Highlight **four (4)** importance of liquid waste management (4 Marks)
2. Outline **four (4)** types of impurities in waste water (4 Marks)
3. Highlight **four (4)** reasons for treating waste water (4 Marks)
4. Highlight **four (4)** principles of waste water treatment (4 Marks)
5. Outline **four (4)** challenges of liquid waste management (4 Marks)

SECTION B: ATTEMPT ANY TWO QUESTIONS (40 MARKS)

6. Explain **five (5)** effects of discharging waste water in a body of water (20 Marks)
7. Design small scale waste water treatment facility for Kilindi slum (20 Marks)
8. Describe **five (5)** standard guidelines in waste water management (20 Marks)