



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
HIGHER DIPLOMA IN COMMUNITY HEALTH PRACTICE
END OF MAY-AUGUST 2024 SEMESTER EXAMINATIONS**

UNIT CODE: HDCH 125

UNIT NAME: ENVIRONMENTAL AND OCCUPATIONAL HEALTH

DATE: TUESDAY 13TH AUGUST 2024

TIME: TWO HOURS

START: 4.30 PM **STOP:** 6.30PM

INSTRUCTIONS

1. This exam is marked out of 60 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (20 Marks)
Section B: Long Answer Questions (40 Marks)
3. This online exam shall take TWO Hours
4. All questions in Section A are compulsory and Answer any TWO questions in Section B
5. Late submission of the answers will not be accepted
6. Ensure your web-camera is on at all times during the examination period
7. No movement is allowed during the examination
8. Idling of your machine for 5 min or more will lead to lock out from the exam
9. The Virtual Assessment Test (VAS) has inbuilt integrity checks to detect cheating
10. Any aspect of cheating detected during and or after the exam administration will lead to nullification of your exam
11. In case you have any questions call the invigilator for this exam on Tel. and or the Head of Department on Tel 0723742370
12. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke

SECTION A: COMPULSORY (20 Marks)

Short Answer Questi

1. Distinguish between a physical and a cultural environment (2 Marks)
2. Define a dam (2 Marks)
- 3.State four objectives of liquid waste treatment (4 Marks)
4. Identify three causes of food spoilage while it is stored (3 Marks)
5. Identify four objectives of food preservation (4 Marks)
6. List three aims of occupational health (3 Marks)
7. List the 2 disadvantages of composting as a method of solid waste disposal (2 Marks)

SECTION B

ANSWER ANY TWO (2) QUESTIONS (40 Marks)

8. As an environmental health expert you have been invited to give a talk on a safe and a healthy environment. Discuss. (20 Marks)
9. Relu community has been using a nearby river as a source of water for their domestic use, a non-profit organization has offered to provide a water treatment method. As an expert you have been requested to identify the most appropriate water treatment method. Discuss the factors to consider when selecting the method (20 Marks)
10. a) Environmental health sanitation focuses on the promotion of skills and practices to individuals, families and communities
Unfortunately, it has been very difficult to achieve almost all of these skills and practices. This has been mostly due to various primary constraints. Discuss (15 Marks)
- b)) Describe the classification of Occupational hazards (5 Marks)