



**AMREF INTERNATIONAL UNIVERSITY**  
**SCHOOL OF PUBLIC HEALTH**  
**DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT**  
**BACHELOR OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT AND**  
**DEVELOPMENT**  
**END OF SECOND SEMESTER EXAMINATION MAY-AUGUST 2024**

**UNIT CODE:** HMD 233      **UNIT NAME:** Environmental Health Management

**TIME:** Two Hours  
**Date:** August 2024  
**TIME :** Two (2) Hours      Start-----End.....

**INSTRUCTIONS TO CANDIDATES**

- 1) This exam is out of 70 marks
- 2) Section-A is compulsory with a Total of 30 Marks
- 3) Answer any TWO (2) questions in Section B

***Read carefully the additional instructions preceding each section.***

**SECTION A: COMPULSORY (30 Marks)**

1. Outline the Classifications of the environment (4 Marks)
2. List Food-borne diseases contracted from animals(3 Marks)
3. Identify three sources of Chemicals, that can contaminate food (3Marks)
4. Identify 4 types of sanitation (4 Marks)
5. List five ways in which land use can affect health (4 Marks)
6. Explain three changes that occur to food when it is on transit (3Marks)
7. Using relevant examples Identify the main pest control methods(3)
8. Identify housing requirements that make it habitable (4marks)
9. Outline the two health effects of noisy environments (2 Marks)

**SECTION B: ANSWER ANY TWO (2) QUESTIONS (40 Marks)**

10. As a lead expert you have been tasked to carry out an Environmental impact assessment on an upcoming water project. Discuss what should be stated in the report (20 Marks)
11. Upendo community want the county Government to supply it with water. You have been asked to discuss the factors that would affect the water usage in the community (20Marks)
12. In developing countries management of solid waste has been posing a lot of challenges in environmental sanitation. Discuss various solid waste disposal methods highlighting advantages and disadvantages of each method.(20 Marks)