



**AMREF INTERNATIONAL UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**  
**SCHOOL OF PUBLIC HEALTH**  
**DEPARTMENT OF COMMUNITY HEALTH PRACTICE**  
**HIGHER DIPLOMA IN COMMUNITY HEALTH PRACTICE**  
**END OF SEMESTER EXAMINATION (SEPTEMBER-DECEMBER) 2022**

**UNIT CODE: HDCH 123**

**UNIT NAME: Communicable and Non-communicable diseases**

**DATE: 5<sup>th</sup> December 2022**

**TIME: 2 Hours      Start: 4.00 PM      Stop: 6.00 PM**

**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. All questions in Section A are compulsory and Answer any TWO questions in Section B
4. This online exam shall take 2 Hours
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 Learning Management System (LMS) 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 on Tel +254720573449
12. For adverse incidences please write an email to: [amiu.examinations@amref.ac.ke](mailto:amiu.examinations@amref.ac.ke)

### SECTION A: ANSWER ALL QUESTIONS (20 MARKS)

1. Define the following terms
  - a. Emerging diseases (2 Marks)
  - b. Re-emerging diseases (2 Marks)
  - c. Vector (2 Marks)
  - d. Ventricular Septal Defect (2 Marks)
  - e. Congenital disease (2 Marks)
  - f. Aspiration pneumonia (2 Marks)
2. List two (2) differences between primary prevention and secondary prevention of diseases (4 Marks)
3. Outline two differences between communicable and noncommunicable disease (4 Marks)

### SECTION C: LONG ANSWER QUESTIONS (40 MARKS)

4. Saumu is 10 years old. She had frequent episodes of streptococcus throat infections when she was younger. She now presents with joint pains and some heart complications.
  - a. Name the condition that Saumu is suffering from (1 Marks)
  - b. Discuss two (2) major and two (2) minor diagnostic criteria (4 Marks)
  - c. Clinical presentation (signs and symptoms) (6 Marks)
  - d. Diagnosis (3 Marks)
  - e. Treatment (3 Marks)
  - f. Prevention. (3 Marks)
5. Mwema is a 39 year old man who is overweight. He smokes and takes alcohol frequently. His meals are mainly rich in refined carbohydrates. His family members are known to suffer from high sugars. He has noticed that that he has been passing urine frequently, has increased thirst and he has lost a lot of weight.
  - a. Name the condition (1 Marks)
  - b. Discuss the causes (4 Marks)
  - c. Risk factors (2 Marks)
  - d. Clinical presentation (signs and symptoms) (6 Marks)
  - e. Diagnosis (4 Marks)
  - f. Management of the condition (3 Marks)

6. Amani was taking a bath when she felt a lump in her breast. She went to the hospital for further tests and follow up where they confirmed the presence of the lump.
- a. Name the condition (1 Marks)
  - b. Discuss the causes (4 Marks)
  - c. Risk factors (4 Marks)
  - d. Clinical presentation (signs and symptoms) (5 Marks)
  - e. Diagnosis (3 Marks)
  - f. Management of the condition (3Marks)

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