



## AMREF INTERNATIONAL TRAINING CENTER

Qualification Code : 091906T4  
Qualification : Health Records Management and IT Level 6  
Unit Code : HE/OS/HR/CR/01/6/A  
Unit of Competency : Apply Medical Pathology

### WRITTEN ASSESSMENT

**Time: 3 HOURS**

#### INSTRUCTION TO CANDIDATE

1. Marks for each question are indicated in the brackets
2. This paper consists of **TWO** sections: **A** and **B**
3. Candidates are provided with a separate answer booklet
4. **DO NOT** write on this question paper

*This paper consists of **THREE (3)** printed pages*

*Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.*

**SECTION A: 40 MARKS**

*Answer All Questions in This Section*

1. Define the following terms as used in the study of pathology etiology
  - a) Pathogenesis (2 Marks)
  - b) Thrombosis (2 Marks)
2. Distinguish between Communicable and Non-communicable conditions (4 Marks)
3. Respiratory system plays a big role in ensuring proper body functioning. Identify FOUR types of disease that affects the lower respiratory system. (4 Marks)
4. Cardiovascular system is made up of various sections with given pathologic conditions. Highlight TWO vascular heart diseases (4 Marks)
5. A condition might arise in the body as a result of another. Enumerate FOUR underlying condition that may result into ischemia of the heart. (4Marks)
6. Cancer can occur in any of the reproductive organs. State TWO carcinoma of the reproductive system (4 Marks)
7. Diseases may lead to various outcomes. Identify FOUR disease outcomes in human beings (4marks)
8. Musculoskeletal system has got unique conditions. Outline TWO conditions affecting the named system. (2marks)
9. One health condition can trigger another, such as how certain underlying conditions can lead to high blood pressure. Name TWO underlying condition that may lead to Hypertension (2 Marks)
10. The natural history of a disease classifies. Highlight FOUR major stages of disease progression (4 marks)
11. Genetic disorders are health issues caused by abnormalities in a person's genetic material, such as chromosomes or genes. outline two genetic diseases. Enumerate TWO genetic diseases (4 marks)

**SECTION B: 60 MARKS**

*Answer Any Three Question in This Section*

12. Shock is a life-threatening condition that occurs when the body is not getting enough blood flow
- a) Giving examples discuss FIVE classifications of shock (10marks)
  - b) Explain FIVE possible causes of inflammations (10marks)
13. Cells behave in a unique way especially when stimulated to various stimulus.
- a) Giving examples discuss THREE causes of cell injury (6 marks)
  - b) Explain SEVEN possible ways in which cells respond to changes caused by stimulus (14 marks)
14. You are the lead pathologist incharge of your county hospital , therefore describe the following major environmental of diseases of public health importance to your county
- a) Malaria (8marks)
  - b) HIV/AIDS (8marks)
  - c) Cholera (4marks)
15. Cancer is taking a worrying toll on Kenyans, and all indicators are that it will get worse, as a community health worker explain the following
- a) Explain THREE characteristics between benign tumors and malignant tumors (6marks)
  - b) Describe THREE risk factors to malignant tumors (6 marks)
  - c) Discuss FOUR ways of preventing cancer (8marks)