AMREF INTERNATIONAL TRAINING CENTER

Qualification Code	**:**	091906T4HRI
Qualification	**:**	Health Records and Information Technology Level 5
Unit Code	**:**	HE/OS/CH/CC/05/5/A
Unit Competency	:	Apply Medical Pathology

WRITTEN ASSESSMENT

Time: 3 HOURS

INSTRUCTIONS TO CANDIDATE

1. Marks for each question are indicated in the brackets.
2. The 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. Malaria is one of the leading causes of mortality in Sub-Saharan Africa. Name FOUR species of plasmodium parasites that cause malaria   (4 Marks)

2. Differentiate between Prognosis and Diagnosis as used in medical pathology (4 Marks)

3. The term NCDs refers to a group of conditions that are not mainly caused by an acute infection, result in long-term health consequences and often create a need for long-term treatment and care. Outline FOUR examples of Non-Communicable Diseases (NCDs)

                                                                                      (4 Marks)

4. As a Health Record Officer working in a hospital, you are assigned to make a pathological file. Name FOUR documents included in the pathological file.   (4 Marks)

5. Signs and symptoms are two terms that are always used interchangeably but they have different meaning. Distinguish between sign and symptom   (4 Marks)

6. Highlight FOUR pathogenic causes of disease in human   (4 Marks)

7. The term modes of transmission refer to how an infectious agent, also called a pathogen, can be transferred from one person, object, or animal, to another. State FOUR modes of HIV virus transmission   (4 Marks)

8. For the success of diagnosis of diseases certain general guidelines to specimen collection must be followed. Highlight FOUR such guidelines.   (4 Marks)

9. State TWO ways of preventing bedbug infestation in your local community   (2 Marks)

10. Inflammation is body natural response to injury or infection aiming at protecting or healing the tissues. Outline FOUR signs of inflammation   (4 marks)

11. Distinguish between benign and Malignant tumors   (2 Marks)

SECTION B: (60 MARKS)

Answer Question 11and Any Other TWO   Questions in This Section

12. A 72-year-old female is admitted with severe COVID 19 infections.
    a) Identify the causative agent of COVID-19   (2 Marks)
    b) Describe FOUR signs and symptoms of COVID-19   (8 Marks)
    c) Explain FIVE methods that can be used to slow the Spread of COVID-19
                                                                (10 Marks)

13. You are invited by a local area Chief to a public Barazza to sensitize community members on various disease prevention measures. You are therefore required to prepare presentation slide before the session.

    a) Discuss five measures you will include in your presentation   (10 marks)
    b) Explain FIVE predisposing factors to diabetes mellitus   (10 marks)

14. Pathology report is a medical report about a piece of a tissue, blood or body organ that has been removed from human body. They are used by a medical provider to determine a diagnosis or treatment plan for a specific health condition or disease.

    a) Discuss FIVE types of pathological records   (10marks)
    b) Explain FIVE importance's of filling pathological records   (10 marks)

15. Pathological specimens are essential in diagnosing diseases, identifying causative agents and helping healthcare providers in making accurate diagnosis.

    a) Discuss FIVE types of pathological specimens giving an example of disease that can be diagnosed from such a specimens   (10Marks)
    b) Discuss FIVE main classification of diseases based on duration, cause, origin, mode of transmission and affected body systems   (10 marks)