



AMREF INTERNATIONAL TRAINING CENTER

Qualification code : 091906T4HRI
Qualification : Health Records and Information Technology Level 5
Unit code : HE/CU/HR/CC/01/5/A
Unit of competency : Apply Medical Terminology

WRITTEN ASSESSMENT

INSTRUCTIONS TO CANDIDATE

1. You have **THREE (3)** hours to answer all the questions.
2. Marks for each question are indicated in the brackets.
3. The paper consists of **TWO** sections: A and B
4. Do not write on the question paper.
5. A separate answer booklet will be provided.

This paper consists of THREE (3) printed pages.

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

SECTION A: (40MARKS)

Answer all the questions in this section

1. Medical terminology is the foundation for understanding complex medical concepts. State FOUR rules that are necessary to follow when writing medical terminologies. (4 marks)
2. The root *angi/o* refers to vessels, often used in various medical terms. Use the root *angi/o* to write a word for each of the following meanings (4 marks)
 - a) Surgical removal (-ectomy) of a vessel
 - b) Dilatation (-ectasis) of a vessel
 - c) Formation (-genesis) of a vessel
 - d) Plastic repair of a vessel
3. The study of blood and immunity is crucial for understanding the body's defense mechanisms. Outline FOUR roots for blood and immunity. (4 marks)
4. Suffixes such as -ia, -osis, and -hemia indicate an increase in the type of cell related to a specific root. Define each of the following terms based on their suffix meanings (4 marks)
 - a) Eosinophilia
 - b) Erythrocytosis
 - c) Thrombocythemia
 - d) Neutrophilia
5. Suffixes play a key role in modifying the meaning of words in medical terminology. State FOUR suffixes related to respiration. (4 marks)
6. Medical terms are often constructed by combining word roots and other elements. Define the following word roots: (4 marks)
 - a) *An(o)*
 - b) *Appendic(o)*
 - c) *Cec(o)*
 - d) *Chol(e)*
7. Gastroenterology focuses on the diagnosis and treatment of the digestive system. Outline FOUR medical specialties related to the digestive system. (4 marks)
8. Suffixes are essential for understanding diseases and their classifications. State FOUR suffixes used for categorizing diseases. (4 marks)

9. Medical abbreviations help simplify complex medical terms. Identify the medical abbreviations for the following terms: (4 marks)

- a) Cancer
- b) Carcinoma in situ
- c) Staphylococcus
- d) Methicillin-resistant Staphylococcus aureus

10. Understanding the roots of medical terms helps decode their meanings. Identify the roots in each of the following words: (4marks)

- a) Homeothermic
- b) Anaerobic
- c) Exergonic
- d) Chronic

SECTION B: (60 MARKS)

Answer ANY THREE (3) questions in this section

11. Professionals use medical terminology throughout the patient care journey. This starts when a patient enters the front door of a hospital or doctor's office to the time of discharge. Healthcare providers depend on key medical terminology to ensure that patients receive the proper treatment.

- a) Describe any other EIGHT circumstances where medical terminologies are used in the hospital (16 marks)
- b) Identify FOUR languages influencing medical terminology (4 marks)

12. Medical suffixes play a crucial role in conveying specific meanings, especially when associated with surgical procedures.

- a) Discuss FIVE suffixes in medical terminologies about surgical procedures (10 marks)
- b) Explain FIVE suffixes for diagnosis (10 marks)

13. The nervous system is the body's communication system. It processes everything from sight to taste and interprets the information from its surroundings. The basic unit of the

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nervous system is the neuron. These specialized cells have a cell body or soma, axons, and dendrites;

- a) Explain THREE roots for the Nervous System and the Spinal Cord. (6marks)
- b) Explain FIVE suffixes for the Nervous System. (10marks)
- c) Describe TWO medical specialists related to the Nervous System. (4marks)

14. The movements produced at joints by muscles are given specific anatomical names, often referred to as “anatomical terms of motion”

- a) Describe FIVE anatomical movements. (10 marks)
- b) Explain the meanings of FIVE anatomical movements stated in (A) above (10 marks)

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