

1012106T4COH
HEALTH RECORDS & IT
HE/CU/HR/BC/01/6/A
Apply Medical Terminology
July/August 2025



AMREF INTERNATIONAL TRAINING CENTER

WRITTEN ASSESSMENT TEST: END TERM

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 Four (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 the questions in this section

1. Define the following medical acronyms and their meaning. (4 Marks)
 - a) ECG
 - b) CT Scan
 - c) UTI
 - d) Hgb
2. Outline any FOUR prefixes related to position or direction in medical terminology. (4 Marks)
3. A doctors' note mentions "tachycardia." define what this term means and break down the term into prefix, root word and suffix (4 Marks)
4. Describe two common diagnostic imaging procedures and explain the type of information they can reveal. (4 marks)
5. A diagnosis of "pneumonia" is given. Identify four symptoms of pneumonia. (4 marks)
6. A prescription mentions "metformin" for a diabetic patient. What is the general function of metformin in diabetes management? (4 marks)
7. Medical terminology often uses roots, prefixes, and suffixes to form complete terms. Define the term "**cardiomegaly**" by breaking it into its root word and suffix. (4 marks)
8. Differentiate between the following terms: Benign and malignant tumors. (4marks)
9. Highlight TWO main word parts that make up most medical terms. (4marks)
10. Define the following suffixes: "-itis," "-ectopy" "-graphy." Provide an example of a medical term for each suffix. (4marks)

SECTION B: (60 MARKS)

Attempt any THREE questions in this section

11. Many common medical terms can be broken down into four components, however, you can figure out the meaning of many different words simply by analyzing the word.
 - a) Giving relevant examples, describe the FOUR medical terminology component parts. (10 marks)
 - b). Explain FIVE applications of medical terminologies in the field of healthcare (10 marks)
- Amref International University – TVET Directorate: Training for Primary Healthcare*

12. Medical terms have got specific rules followed by medical practitioners during treatment and diagnosis of a patient

- a) Discuss any FIVE rules followed by medical practitioners while defining medical terms. (10marks)
- b) Explain FIVE reasons why medical terms are considered important (10 marks)

13. Medical terminology is a language used to precisely describe the human body including all its components, processes, conditions affecting it, and procedures performed upon.

- a) Explain SIX importance of the medical terminology. (12marks)
- b) Discuss the origin of medical terminology taking into consideration the TWO languages of origin. (8marks)

14. A 72-year -old patient with a history of hypertension and type 2 diabetes mellitus presents to the emergency department with sudden, severe chest pain radiating down the left arm. They also report shortness of breath, nausea and diaphoresis. Based on the signs and symptoms, the doctor suspects a myocardial infarction.

- a) Define the following medical terms from the case scenario: hypertension, diabetes mellitus, myocardial infarction, and diaphoresis (8marks)
- b) Explain FOUR possible pathophysiology behind a myocardial infarction in the context of this patient's pre-existing conditions. (8marks)
- c) Describe TWO reasons why clear communication is crucial in this case when obtaining informed consent for procedures related to diagnosing and treating a heart attack and hypertension. (4marks)