

091906T4HRI

HEALTH RECORDS AND INFORMATION TECHNOLOGY LEVEL 6

HE/OS/HR/CC/03/6/A

Apply Medical Terminology

March/April 2025



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION COUNCIL
(TVET CDACC)**

WRITTEN ASSESSMENT

Printed By: Amref International Training Center

Date: 25.03.2025 10:35 AM

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. Answer **ALL** the questions in section **A**, **Question 15** and **Any other TWO** Questions in **Section B**
4. Candidates are provided with a separate answer booklet
5. **DO NOT** write on this question paper.

This paper consists of FIVE (5) 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. Symbols can be found on prescriptions, patient charts, medical equipment, and even in hospital signage, helping healthcare professionals, patients, and staff understand complex instructions or information at a glance. Give the meaning of this medical symbols.

(4 Marks)

- a) ↑
 - b) 2°
 - c) #
 - d) +++
2. Define the following terms (3 Marks)
- a) Hypercalcemia
 - b) Hypoglycemia
 - c) Tachycardia
3. A patient walking into a clinic complaining of persistent ear pain and difficulty hearing, or perhaps someone feeling dizzy and off-balance. These symptoms might be caused by ear-related diseases, which can range from mild discomfort to severe impairments. Name TWO diseases that affect the ear. (2 Marks)
4. When administering drugs to a patient, Nurse X can use many methods of drug administering depending on the type of drug. Name THREE routes in which drugs can be administered to a patient. (3 Marks)
5. There are many diseases that affect the heart. Outline TWO of such diseases. (2 Marks)
6. Explain the basic components of a word found in the word below: - (4 Marks)
Pericardiocentesis
7. Define the following terms as used in the medical field: - (3 Marks)
- a) Oncologists
 - b) Cardiologist
 - c) Gastroenterologists

8. Vital signs are measurements of body physiology. Give the abbreviations of the following vital signs (4 Marks)
- a) Temperature
 - b) Pulse rate
 - c) Respiratory rate
 - d) Pulse oximetry
9. Define the term medical terminology (1 mark)
10. Explain the meaning of the following prefixes of the color below: - (3 marks)
- a) Erythro
 - b) Xantho
 - c) Chloro
11. Define the following terms associated with drug use (2 marks)
- a) Contraindication
 - b) Side effects
12. Differentiate between the term acronyms and abbreviations in medical terminology (2 Marks)
13. Mental health is a one of the common issues affecting a large population in the world. List TWO examples of mental disorders (2 Marks)
14. Explain the meaning of the following word roots or combining forms (5 Marks)
- a) Mammo-
 - b) Rhino -
 - c) oophor-
 - d) Ophthalmo-
 - e) Nephro-

SECTION B: (60 Marks)

Answer question 15 (compulsory) and any other TWO questions in this section

15. 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) Discuss FIVE importance's of medical terminology to propose the above statement (10 marks)
- b) Explain FIVE instances in a hospital where medical terminology can be used (5 marks)
- c) To be object the above statement, Discuss FIVE disadvantages of using abbreviations in a hospital in regards to medical terminology (5marks)

16. In Hospital M, one healthcare worker mentions "pneumonoultramicroscopicsilicovolcanokoniosis," and another quickly responds with "pneumonia" in a more familiar, concise way. Without proper pronunciation, misunderstandings could easily arise, potentially affecting patient outcomes. This scenario highlights the importance of clear pronunciation when using complex medical terminology.

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- a) Explain FIVE pronunciation guidelines! (10 marks)
- b) Discuss FIVE types of cancer treatment (10marks)

17. Imagine you are a medical student on your first day of clinical rotations. You are handed a list of abbreviations to memorize, knowing that understanding them is fundamental for your success in the field, helping you decode the language of medicine and ensuring you are prepared for any situation that arises in the clinical setting.

- a) Give the meaning of the following medical abbreviations
 - i. EDD (2marks)
 - ii. CPR (2marks)
 - iii. Dx (2marks)
 - iv. BMI (2marks)
 - v. BSL (2marks)
- b) Explain the meaning of the following terms (10 Marks)
 - i. Rhinoscopy
 - ii. Tracheitis
 - iii. Dentalgia

iv. Colostomy

v. Hepatology

18. a. Write medical terms on the following statements

- i. Physician during an examination will..... to feel for texture, size, consistency and location of body parts with hands.
- ii. A..... is a small tumor like growth that extend from the surface of a mucous membrane
- iii.is an abnormal increase in the proportion of fat cells resulting in excess body weight for height.
- iv. Distended and swollen veins in the rectum and anus are called
- v. The medical term for vomiting is
- vi.is black tarry stool that contains blood from the gastrointestinal tract.
- vii. is the medical term for gas in the gastrointestinal tract.
- viii. Abnormal intraperitoneal accumulation of fluid with large amount of proteins and electrolytes is
- ix. is fecal matter.
- x. Abnormal backward flow is called

b. Give the meaning of the following suffixes:

- i. -phobia
- ii. -meter
- iii. -algia
- iv. -rrhaphy
- v. -oma
- vi. -lithiasis
- vii. -plegia
- viii. -rrhage
- ix. -cele
- x. -megaly
- xi. -genic