



AMREF INTERNATIONAL TRAINING CENTRE

Qualification Code : : 102106T4COH
Qualification : : HEALTH RECORDS AND INFORMATION TECHNOLOGY
Unit Code : : HE/OS/HR/CC/01/6/A
Unit of Competency : : MEDICAL TERMINOLOGY

WRITTEN ASSESSMENT

INSTRUCTIONS TO CANDIDATE

1. This paper has two sections A and B
2. You are provided with a separate answer booklet
3. Marks for each question are as indicated
4. Do not write on the question paper

This paper consists of three (3) printed pages. Candidates should check the question paper to ascertain that all the pages are printed as indicated

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. Expand the following medical abbreviations. (4 Marks)
 - a) q4h
 - b) NPO
 - c) SOB
 - d) Dx

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. Match the following medical terms with their definitions. (4 marks)

Term	Definition
Biopsy	Coexistence
Prognosis	Sampling
Allergy	Outlook
Antibiotic	Hypersensitivity
Comorbidity	Antimicrobial

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,” “-ectomy” “-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)
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.) Briefly 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.) Explain 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)