

091906T4HRI

HEALTH RECORDS AND INFORMATION TECHNOLOGY LEVEL 6

HE/OS/HR/CR/01/6/A

Code and Index Diseases

March/April 2025



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

WRITTEN ASSESSMENT

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Date: 27.03.2025 08:22 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** and **Any THREE** 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 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 the questions in this section.*

1. Define the following terms as used in disease classification. (4 Marks)
 - a) Code
 - b) Live Birth
2. Disease classification is a mandatory teaching unit for all health records students. State TWO reasons why it is important to learn disease classification in health records. (2 Marks)
3. State the use of the following conventions as used in disease classification. (4 Marks)
 - a. Parenthesis
 - b. Brace
 - c. Colon
 - d. Point dash
4. Diseases can be classified in different ways. Outline THREE ways in which diseases can be classified (3 Marks)
5. Cause of death and underlying cause of death are terminologies used in disease classification. Differentiate between cause of death and underlying cause of death. (4 Marks)
6. The recent revision of the ICD led to the adoption and utilization of ICD 11. Highlight TWO differences between ICD 10 and ICD 11. (4 Marks)
7. Patient information is a secret between the medical practitioner and the patient. Highlight FOUR importance of such secrecy of patient data. (4 Marks)
8. Morbidity data is an essential aspect of coding and indexing. Outline THREE sources of data for morbidity coding. (3 Marks)
9. For one to efficiently carry out disease indexing, there are crucial equipment required. Enumerate FOUR modern materials and equipment used in indexing. (4 Marks)
10. Although most lead terms identify the disease or injury, some conditions are listed differently. Mention the lead terms for the following conditions. (4 Marks)
 - a) Complications of medical and surgical care
 - b) Congenital abnormalities
 - c) Obstetric conditions
 - d) Residual effects of an earlier condition which is no longer present
11. The World Health Organization plays a crucial role in disease classification. Outline FOUR roles of World Health Organization in implementation of ICD 11. (4 Marks)

SECTION B (60 MARKS)

Answer Any THREE Questions in This Section

12. The evolution of ICD has led to the introduction of ICD 11 which consists of some changes including new diagnoses, the refinement of diagnostic criteria of existing diagnoses, and notable steps in the direction of dimensionality for some diagnoses.
- a) Explain the meaning of the following terms as used in ICD -11 (8 Marks)
- i. Foundation
 - ii. Stem code
 - iii. Extension code
 - iv. Pre-coordination
- b) Discuss SIX reasons that necessitated the revision of ICD-10 to ICD-11. (12 Marks)
13. A good disease index card allows the provision of all notes of patients with the relevant diagnosis to be retrieved from the filing system.
- a. State FOUR contents of an index card. (4 Marks)
- b. Discuss the importance of recording each of the above factors in the index card. (8 Marks)
- c. Explain FOUR benefits of indexing in health records and information management (8 Marks)
14. Disease classification brings together diseases that are similar and groups them under one category or code.
- a. Explain FOUR roles of a HRIO in disease classification (8 Marks)
 - b. Describe FOUR principles of identifying disease classification (8 Marks)
 - c. Identify FOUR types of disease classification (4 Marks)
15. Using computer software in disease classification is key in solving several problems especially during coding and indexing of diseases.
- a. Discuss FIVE advantages of using computer based software in coding and indexing diseases. (10 Marks)
 - b. Explain FIVE primary applications of coded data in healthcare. (10 Marks)