

091906T4HRI

HEALTH RECORDS AND INFORMATION TECHNOLOGY LEVEL 6

HE/OS/HR/CR/05/6/A

Code and Index Diseases

July /Aug 2023



WRITTEN ASSESSMENT

Time: 3 hours

INSTRUCTIONS TO CANDIDATES

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 pages
are printed as indicated and that no questions are missing

SECTION A: SHORT ESSAY QUESTIONS

Answer all questions in this section

1. Define the following terms as used in data classification:
 - a) Live Birth (2 Marks)
 - b) Coding (2 Marks)
2. As a health records and information officer, give any FOUR reasons why students should learn international classification of diseases (4 Marks)
3. Highlight any FOUR uses of parenthesis in ICD 10 (4 Marks)
4. Briefly highlight the structure of the international classification of diseases (6 Marks)
5. At the next congress in Paris in 1855, Farr and d’Espine submitted two separate lists which were based on very different principals. Farr’s classification was arranged under five groups. Highlight the FIVE principles of classification according to William Farr. (5 Marks)
6. Write in full and give the meaning for the following conventions as used during coding of medical diagnosis by the HRIOs:
 - a) (NEC) (2 Marks)
 - b) (NOS) (2 Marks)
7. Medical data plays an important role in different fields. State FOUR fields where health data plays a key. (4 Marks)
8. Highlight any THREE differences between international classification of disease-10 and international classification of procedures in medicine. (3 Marks)
9. Notification of death is equally important as birth certification, state any FOUR purpose of death certification. (4 Marks)
10. Highlight any TWO sources of data for morbidity coding; (2 Marks)

SECTION B: LONG ESSAY QUESTIONS

Answer any **THREE** questions in this section

11. It is key for a health records and information officer to understand indexing and how it is done. Discuss indexing under the following sub topics:
- a) Definition of indexing. (2 Marks)
 - b) **THREE** importance of indexing. (6 Marks)
 - c) Discuss **FOUR** types of indexing methodologies (12 Marks)
12. Arrangement of ICD chapters in the tabular list makes it easy for one to locate the conditions they are looking for to give the right code.
- a) Give the **THREE** divisions of the ICD 10 chapters (3 Marks)
 - b) Explain any **SIX** stakeholder of ICD 11 (12 Marks)
 - c) Malaria occurs mostly in poor, tropical and subtropical areas of the world. Africa is the most affected due to combination of factors.
 - i. In which chapter of ICD-10 is malaria code found? (1 Mark)
 - ii. Give the code range of the chapter named in (a) above. (2 Marks)
 - iii. Name the title of the chapter named in (a) above (2 Marks)
13. You have been employed as a health records and information officer in hospital X and your first assignment is to perform coding of diseases and provision of patient data security.
- a) Describe **FIVE** types resources needed for one to perform successful coding (10 Marks)
 - b) Explain **FIVE** ways by which you will improve the security of patients' data in the facility. (10 Marks)
14. Disease classification is a system of categories to which morbid entities are assigned according to some established criteria. Explain any **TEN** roles you are likely to perform in disease classification as a health records and information officer. (20 Marks)