



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
BACHELOR OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT AND
DEVELOPMENT
END OF FIRST SEMESTER EXAMINATION JANUARY-APRIL 2026

HRI 202 HEALTH RECORDS AND INFORMATION

MAIN EXAM

TIME: Two Hours
Date : April 2026
TIME : Two (2) Hours Start-----End.....

INSTRUCTIONS TO CANDIDATES

- 1) This exam is out of 70 marks
- 2) Section-A is compulsory with a total of 30 Marks
- 3) Answer any TWO (2) questions in Section B a total of 40 Marks

Read carefully the additional instructions preceding each section.

SECTION A: SHORT ANSWER QUESTIONS: ANSWER ALL QUESTIONS 30MARKS

1. State with examples the **SIX (6)** components used in formation of medical terms

(6 Marks)
2. Interpret the term “**Gastroenterology**” by following the steps used to analyze and interpret medical terminology.

(3Marks)
3. Explain with examples how the letters b, s, d, and e, are used in the international classification of Functioning, Disability and Health (ICF) alphanumeric system

(5Marks)
4. Describe the following terms with examples in the alphabetical index of International Classification of Disease (ICD)-10
 - a. Lead terms **(2 marks)**
 - b. Modifiers/qualifiers **(2 marks)**
 - c. Parentheses **(2 marks)**
5. Explain with examples the use of Dagger (†) and Asterisk (*) system in the tabular list of ICD-10

(3Marks)
6. Cross references are used to avoid unnecessary duplication. Outline with examples the meaning of “see” and “see also” in volume 3 of ICD-10.

(4Marks)
7. State the **Three (3)** components in the Systematic Nomenclature of Medicine-clinical Terminology (SNOMED CT)

(3Marks)

SECTION B. LONG ANSWER QUESTIONS ANY TWO (2) QUESTIONS 40MARKS

1. Coding is the assignment of one or more codes to represent the meaning of a condition in as much detail as required. ICD-11 recommends the use of the Smart Coding Tool, which can be used online and offline, to ensure accuracy and efficiency.
 - a. State **Five (5)** importance of accurate coding **(5 marks)**
 - b. Describe **Four (4)** advantages of using the ICD-11 Smart coding Tool compared to the print version **(4 Marks)**
 - c. Explain **Two (2)** challenges coders may face when using ICD-11 guidelines and their strategies **(4 Marks)**
 - d. State **Three (3)** advantages of electronic coding compared to paper coding **(3Marks)**
 - e. Outline **Four (4)** importance of verification of the selected code in the Tabular list in both paper and electronic coding **(4 Marks)**
2. The international classification of disease(ICD) is a variable axis classification whose structure was developed by William Farr in the early days of international discussions on classification of structure.
 - a. Outline the **Five (5)** main groups of diseases as proposed in William Farr's scheme **(5Marks)**
 - b. Differentiate between the 'special groups' chapters and 'body system' chapters in the ICD **(4Marks)**
 - c. Describe the coding structure of ICD-10 **(5Marks)**
 - d. State the **Three (3)** volumes of ICD-10 and what each contains **(3Marks)**
 - e. Outline **Three (3)** chapters that are classified under the 'special groups' **(3Marks)**
3. The sixth Revision of the International Classification of Disease (ICD) provides a pivotal principle that mortality statistics should reflect the underlying cause of death and not just the final event.
 - a. Explain **Three (3)** importance of using the underlying cause of death **(6Marks)**
 - b. A patient's death certificate lists the sequence of events leading to death as follows:
"Respiratory failure due to pneumonia due to HIV infection." Using this information, explain the following terms as applied in mortality coding: **(6 Marks)**
Immediate cause **(2Marks)**

Antecedent cause **(2Marks)**

Underlying cause **(2 Marks)**

c.Outline the **Three (3)** sections in the alphabetical index of ICD-10
(3Marks)

d.State **Five (5)** importance of International Classification of Diseases (ICD) **(5Marks)**

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