



# MACHAKOS UNIVERSITY

University Examinations For 2018/2019 Academic Year

SCHOOL OF HEALTH SCIENCES

DEPARTMENT OF PUBLIC AND COMMUNITY HEALTH

FIRST YEAR SECOND SEMESTER EXAMINATION FOR

DIPLOMA IN HEALTH RECORDS AND INFORMATION TECHNOLOGY

DHR 011: HEALTH DATA CLASSIFICATION B

DATE: 2/5/2019

TIME: 8:30 – 10:30 AM

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## INSTRUCTIONS:

**This paper consists of two sections A and B**

**Section A is compulsory and has part (i) and part (ii)**

**Section B choose any two (2) questions**

### SECTION A: COMPULSORY

#### PART (I) MULTIPLE CHOICE QUESTIONS - 10 MARKS

1. Which chapter of ICD 10 lists signs and symptoms?
  - a) XIV
  - b) XV
  - c) XVII
  - d) XX
  
2. Square brackets are used to enclose
  - a) Patient names and explanatory phrases
  - b) Alternative words and treatment forms
  - c) Instruction 'see' and patient names
  - d) Synonyms and alternative words
  
3. Parentheses are used to enclose all of the following
  - a) Names of patients and their hospital numbers

- b) code ranges in block titles and hospital numbers
  - c) cross-reference terms and names of patients
  - d) Nonessential modifiers, chapters, categories and codes.
4. Which of the following are used when the information in the medical record is insufficient to assign a more specific code?
- a) Etiology codes
  - b) Inclusion terms
  - c) Unspecified codes
  - d) Lead terms
5. Which of the following instruction follow a main term in the Alphabetic Index and indicates that another term (disease)should be referenced or coded but not the disease on the title?
- a) “see also”
  - b) “see”
  - c) “and”
  - d) with
6. It is a health care provided in a facility or setting that provides diagnostic, therapeutic and health maintenance services for persons not requiring stays that exceed 24 hours.
- a) Home health encounter
  - b) Field encounter
  - c) Emergency encounter
  - d) Ambulatory encounter
7. Stethoscope can be used to
- a) Measure eye irritation or discharge.
  - b) Measures blood pressure
  - c) Examine the inside of the eye
  - d) Listen to the sounds of the heart and lungs

## FOR QUESTION 8-10 ANSWER TRUE OR FALSE

8. Multiple coding is principle requires two codes to fully describe a single condition that affects multiple body systems,
9. Laterality coding specify whether the condition occurs on the left, right or is bilateral.
10. The word “with” should be interpreted to mean “due to” when it appears in a code title, the Alphabetic Index, or an instructional note in the Tabular List.

## SECTION A PART (II) SHORT ANSWER QUESTIONS -20 MARKS

### QUESTION ONE

- a) With three examples, define the following terms as used in ICD 10 (3 marks)
  - i) Rubric
  - ii) Lead term
  - iii) Clinical signs
- b) The ICD 10 highlights on the following instructions as used in disease coding process. With three accompanying examples, discuss how they are applied. (3 marks)
  - i) Other
  - ii) Unspecified
  - iii) modifier
- c) Explain how the following instructions are used in disease coding process (3 marks)
  - i) Due to
  - ii) And
  - iii) Rule out condition
- d) Differentiate between multiple coding and combination code (2 marks)
- e) Differentiate between etiology code and manifestation code (3 marks)
- f) Name any three (3) body system chapters and three (3) systemic chapters (3 marks)
- g) State the sequela of a left knee one year post traumatic and transverse fracture (3 marks)

## SECTION B CHOOSE ANY TWO QUESTIONS

### QUESTION TWO (20 MARKS)

- a) Describe the essential and non-essential modifiers in Alphabetical index (10 marks)
- b) With 5 relevant examples, explain the use of NOS (Not Otherwise Specified) and NES (Not Elsewhere Specified) (10 marks)

### QUESTION THREE (20 MARKS)

- a) The following statement is found in alphabetical index (10 marks)
- Injury
- Tendon(see also muscle injury)
  - - abdomen S39.0
  - - lower back S39.0
- i) What is the difference between the first and second indentations?
- ii) With an example of up to four levels down, state the importance of indentation.
- c) As a Coder, you have faced a lot of challenges with the clinical documentation of patients' notes which are missing the major diagnosis. Explain how you will solve this. (10 marks)

### QUESTION FOUR (20 MARKS)

- a) In coding process, the ICD 10 employs the following four special punctuations. Explain how they are used. (10 marks)
- i) parentheses,
  - ii) square brackets,
  - iii) colons,
  - iv) braces,
- b) Describe the steps required for coding processes of diseases (10 marks)

### QUESTION FIVE (20 MARKS)

- a) Describe the simple guide intended to assist the occasional user of the ICD10 on how to Locate the lead term when coding diseases (10 marks)
- b) Explain the main considerations mentioned in the guidelines when recording information for a single episode. (10 marks)