

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD DEGREE OF
BACHELOR OF SCIENCE IN HEALTH RECORDS AND INFORMATION
MANAGEMENT

HRIM 141: INTRODUCTION TO MEDICAL STATISTICS

STREAM: HRIM Y1 S2

TIME: 2 HOURS

DAY/DATE: THURSDAY 9/04/2020

8.30 A.M - 10.30 A.M.

INSTRUCTIONS:

Attempt All Questions in Section One

SECTION ONE: (40 MARKS) ATTEMPT ALL QUESTIONS

1. State the types of Statistics [5 Marks]
2. Describe the sources of Statistics [5 Marks]
3. Identify the elements of inferential Statistics [5 Marks]
4. Describe measures of central tendency. [5 Marks]
5. Outline the steps in constructing a stem and leaf diagram. [5 Marks]
6. Describe measures of dispersion [5 Marks]
7. Identify sources of clinical data [5 Marks]
8. State the use of health indicators in the community [5 Marks]

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SECTION B: (30 MARKS) ANSWER QUESTION 1 AND ANY OTHER I QUESTION.

1. As a Health Records and Information Officer, discuss the uses of statistics in a hospital. [15 Marks]
2. Discuss three (3) methods of data presentation including what influences the choice of a data presentation method. [15 Marks]
3. Construct a histogram for the following frequency distribution. [15 Marks]

Height (in cm)	101-110	111-120	121-130	131-140	141-150
Number of children	15	18	12	6	9

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