

**HRIM 141**

**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]

**HRIM 141**

**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]

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

.....