



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2020/2021 ACADEMIC YEAR
FIRST YEAR SECOND SEMESTER**

**SCHOOL OF BUSINESS AND ECONOMICS
CERTIFICATE IN HUMAN RESOURCE.**

COURSE CODE: CHR 101

**COURSE TITLE: INTRODUCTION TO
BUSINESS STATISTICS**

DATE: 9TH DECEMBER, 2022

TIME: 1430-1630

INSTRUCTIONS TO CANDIDATE

Answer Question **ONE** and any other **THREE** questions

QUESTION ONE (25 MARKS)

- (i) Define 'Statistics' **(2marks)**
- (ii) State the characteristics of 'Statistics'. **(5marks)**
- (iii) Use the data below to calculate the mean, median and mode **(18marks)**

DATA	FREQUENCY
0-10	5
11-20	8
21-30	11
31-40	6
41-50	15
51-60	10
61-70	5

QUESTION TWO

- (i) What is the meaning of Classification? **(2marks)**
- (ii) Give objectives of Classification and essentials of an ideal classification. **(5marks)**
- (iii) Discuss the functions and importance/utility of Statistics. **(8marks)**

QUESTION THREE

- (i) What is Index Numbers? **(2marks)**
- (ii) Explain the importance or utility of Index Numbers? **(5marks)**
- (iii) Discuss the techniques of collecting data **(8marks)**

QUESTION FOUR

- (i) Explain the importance of measures of dispersion. **(8marks)**
- (ii) Briefly state and discuss the importance of statistics to human resource? **(7marks)**

QUESTION FIVE

Compute standard Deviation from the following data of the income of 10 employees of a firm. **(15MARKS)**

MONTHLY INCOME	600	620	640	620	680	670	680	640	700	650
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