

ADMISSION NUMBER											

**School of Business**  
**Bachelor of Business Administration**  
**Mid Term Examination - Nov 2023**

**Duration : 90 Minutes**  
**Max Marks : 50**

**Sem I - D1UA108T - Business Statistics**

General Instructions

*Answer to the specific question asked*

*Draw neat, labelled diagrams wherever necessary*

*Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Compare leptokurtic curve with mesokurtic curve. K2 (2)
- 2) Relate correlation with any business example. K1 (3)
- 3) Compare skewness and kurtosis. K2 (4)
- 4) Read the following frequency distribution table, consisting of weights of 38 students of a class. (i) Infer class-interval for class 31 – 35 . (ii) Infer the number of students in the range of 41-45 kgs? K2 (6)

Weights (in kg)	Number of students
31-35	9
36-40	5
41-45	14
46-50	3
51-55	1
56-60	2
61-65	2
66-70	1
71-75	1

- 5) Identify the median marks of students from the following distribution. K3 (6)

MARKS	10-20	20-30	30-40	40-50	50-60	60-70	70-80
NUMBER OF STUDENTS	7	10	10	20	20	15	8

- 6) Make use of correlation coefficient to find whether the heights of fathers in inches (X) and their sons (Y) are related to each other or not? K3 (9)

X	65	66	57	67	68	69	70	72
Y	67	56	65	68	72	72	69	71

- 7) Classify tabulation technique in statistics with the help of example. K4 (8)
- 8) Distinguish between mean, median, mode, standard deviation. K4 (12)

**OR**

List limitations of statistics in business. Give one real life example for each limitation. K4 (12)