

ADMISSION NUMBER									

School of Finance and Commerce

Bachelor of Commerce Honours
Mid Term Examination - Nov 2023

Duration : 90 Minutes
Max Marks : 50

Sem I - H1UB104T - 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) Differentiate between Arithmetic Mean and Median. K2 (2)
- 2) List the merits and limitations of diagrammatic representation of statistical data K1 (3)
- 3) Discuss the scope of Statistics. K2 (4)
- 4) Discuss statistics use in business and trade. Also point out its limitations K2 (6)
- 5) Discuss the utility of Statistics to the state, the economist, the industrialist and the social worker. K3 (6)
- 6) Explain the different methods of collecting primary data. K3 (9)
- 7) Given below is the distribution of marks obtained by 140 students in an examination. Find the median of the distribution. K4 (8)

Marks	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99
No. of students	7	15	18	25	30	20	16	7	2

- 8) Explain the measure of dispersion. Discuss four important measures of spread indicating their uses. K4 (12)

OR

Compute the weighted arithmetic mean of the index number from the data below :

	<i>Group</i>				
	<i>Food</i>	<i>Clothing</i>	<i>Fuel and Light</i>	<i>House Rent</i>	<i>Miscellaneous</i>
<i>Index No.</i>	125	133	141	173	182
<i>Weight</i>	7	5	4	1	3