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PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
Approved by AICTE, New Delhi | Approved By BCI
Bengaluru

Even Semester Mid Term, March 2026

Date: 10/03/2026

Time: 11:45 AM - 01:15 PM

Course Code: CBS1017

Course Name: Business Statistics

Semester: Second Semester

Max. Marks: 50

Weightage: 50%

CO - Levels	CO1	CO2
Marks	138	132

PART-A: Answer Following Questions. 10 M

Qn.No	Questions	M	CO	BT
1	Define Statistics.	2	CO1	BT1
2	List any two methods of collecting primary data.	2	CO1	BT1
3	Recall the meaning of Histogram.	2	CO1	BT1
4	State the formula of geometric mean for individual series of observation.	2	CO2	BT1
5	Define measures of Dispersion.	2	CO2	BT1

PART-B: Answer Any 1 Following Questions. 10 M

Qn.No	Questions	M	CO	BT
6	Demonstrate the methods of collecting primary data and explain the presentation of data through diagrams and graphs.	10	CO1	BT2
7	Explain the meaning, definition and scope of Statistics.	10	CO1	BT2

PART-C: Answer Any 1 Following Questions. 10 M

Qn.No	Questions	M	CO	BT				
8	Draw a Pie - Chart and Explain the merits and demerits of Pie Chart	10	CO1	BT3				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Item</th> <th style="width: 50%;">Expenditure (₹)</th> </tr> </thead> <tbody> <tr> <td style="height: 20px;"> </td> <td> </td> </tr> </tbody> </table>	Item	Expenditure (₹)					
Item	Expenditure (₹)							

Food	4,000
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Rent	6,000
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Education	1,000
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Transport	2,000
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Miscellaneous	1,000
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9 Present the data given below in percentage bar diagram.

10

CO1

BT3

Population of students

Cities	LP	UP	HSS	University.
Bangalore	500	800	400	350
Mysore	300	600	200	600
Mangalore	400	300	400	150
Belagavi	200	100	50	200

PART-D: Answer Any 1 Following Questions. 10 M

Qn.No	Questions						M	CO	BT
10	Calculate mean of the distribution given below						10	CO2	BT3
	Class	50-100	100-150	150-200	200-250	250-300			
	Frequency	30	20	10	20	12			
11	Compute Median of the data given below.						10	CO2	BT3
	Class	10-20	20-30	30-40	40-50	50-60.			
	Frequency	15	5	20	30	15			

PART-E: Answer Any 1 Following Questions. 10 M

Qn.No	Questions						M	CO	BT
12	Class	100	150	200	250	300	10	CO2	BT3
	Frequency	30	20	10	20	12			
	Calculate harmonic mean of the distribution given below								
13	Calculate for Q1, Q2, Q3 for the following data series.						10	CO2	BT3
	Series 1: 10, 25, 35,45,75,85,95								
	Series 2: 17,19,25,27,29,37,45,48								