Roll No: | | | | | | | | | | | |

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

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

Mid Term Examinations - October 2026

Date: 05/10/2026 **Time:** 09:30 AM - 11:00 AM

Course Code: CBS1017 **Course Name:** Business Statistics

Semester: Second Semester **Max. Marks:** 50 **Weightage:** 50%

CO - Levels	CO1	CO2
Marks	236	214

PART A: Answer Following Questions. 10 M

Q.N.	Questions	M	CO	BT
1	Define the measures of dispersion.	2	CO2	BT1
2	State the formula of Harmonic mean for individual series of observation.	2	CO2	BT1
3	Differentiate descriptive and inferential statistics.	2	CO1	BT3
4	Ouline the Merits of Arithmetic Mean.	2	CO2	BT1
5	Define Business Statistics.	2	CO1	BT1

PART B : Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
6	Summarize the different methods of data collection.	10	CO1	BT2
7	Present the data given below in pie diagram. **Flights** **Air India** **Spice Jet** **Go Air** **Indigo** **Vistara** **No. passengers** 400 200 800 600 300	10	CO1	BT3

PART C: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
8	Calculate arithmetic mean and mode of the distribution given below. **Class** **100-200** **200-300** **300-400** **400-500** **500-600** **Frequency** 40 10 80 50 30	10	CO2	BT3
9	Calculate all the quartiles of the distribution given below. **Class** **30-50** **50-70** **70-90** **90-110** **110-130** **Frequency** 20 30 40 15 10	10	CO2	BT3

PART D: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT

PTO (Please Turn Over)

10	Present the data given below in multiple bar diagram. **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	10	CO1	BT3
11	Discuss the Scope of Statistics.	10	CO1	BT2

PART E: Answer Any 1 Following Questions. 10 M				
Q.N.	**Questions**	**M**	**CO**	**BT**
12	Calculate the median of the distribution given below. **Class** **50-100** **100-150** **150-200** **200-250** **250-300** **Frequency** 30 20 10 20 12	10	CO2	BT2
13	Calculate less than cumulative frequency distributions and construct ogives for the given data. Class 30-50 50-70 70-90 90-110 110-130 Frequency 20 30 40 15 10	10	CO1	BT3