C

Semester: Second   **Max Marks**: 30
Course Name: Business Statistics   **Duration**: 1 Hours
Course Code: BBA 10060   **Date- 03/03/2025**

General Instructions:
- All rough work should be done in the answer script. Do not write or scribble on the question paper except for your registration number.
- Ensure your mobile phone is switched off and placed at the designated place in the hall.
- Malpractices will be viewed very seriously.
- Answers should be written in the answer booklet on both sides of the paper. No sheets should be detached from the answer booklet...

Course Outcome(s):
CO 1: To understand the basic concepts of statistics useful in decision-making
CO 2:   To apply the basic statistical tools for decision-making

Q.No.	Description	Marks	CO	PO	RB TL
1.	The data given below represents the number of militants killed by the Indian Army in each month. Analyze the data given to find out the average number of militants killed on a monthly basis. Calculate arithmetic average, positional average, and famous value as average. Calculate the range and quartile deviation of militants killed. 16 50 26 15 23 42 25 52 38 46 41 38 40 37 20	20	CO1, CO2		
2	The data below shows the number of advertisements issued by Samsung Mobile per match in the Champions Trophy 2025. With the help of continuous class intervals, prepare the frequency distribution for the given data. Also, calculate the more than and less than type cumulative frequency. 48 50 31 58 33 44 26 29 31 37 47 55 57 37 41 54 42 45 47 43 37 52 47 46 44 50 44 38 42 19 52 45 23 41 47 33 42 24 48 39 48 44 60 38 38 44 38 43 40 48	5	CO1, CO2		
3 (a)	Discuss Simple random sampling with replacement with an example	5	CO1		
	(OR)				
3 (b)	Discuss the role of statistics in economics.	5	CO1		

Revised Bloom's Taxonomy (RBT) Levels:		
L1 – Remembering	L2 – Understanding	L3 – Applying
L4 – Analyzing	L5 – Evaluating	L6 - Creating

END OF THE QUESTION PAPER