

5. What purpose does a measure of dispersion serve ?
6. What is Rank Correlation ?
7. What is meant by a simple regression model ?
8. What is an Index Number ?
9. State the addition and multiplication theorems of probability.
10. What is the need for analysis of time series ?

Section B

Note : Attempt all the questions.

11. The mean yearly salary of employees of a company was Rs. 24,000. The mean yearly salaries of male and female employees were Rs. 25,000 and Rs. 19,000 respectively. Find out the percentage of male and females employed by the company.

Or

The following is the distribution of marks obtained by 500 students. Calculate the median marks.

Marks more than	Number of Students
0	500
10	460
20	400
30	200
40	100
50	30

12

12. Discuss the salient features of Binomial, Poisson and Normal Distributions.

Or

Critically examine the various probability sampling methods.

12

13. If a pair of dice is thrown, find the probability that the sum is neither 7 nor 11.

Or

Compute the two regression coefficients using the values of actual means of X and Y from the data given below and then work out the value of ' r '.

X	Y	
7	6	
4	5	
8	9	
6	8	
5	2	11

Roll No.

Exam Code : J-19

Subject Code—0589

B.B.A. (Second Year) EXAMINATION

(Batch 2009 to 2017)

BUSINESS STATISTICS

BBA-202

Time : 3 Hours

Maximum Marks : 70

Section A

Note : Attempt any *Seven* questions. **7×5=35**

1. Explain the characteristics of statistics.
2. Discuss limitations of statistics.
3. What is a Random Sample ?
4. What is meant by measure of central tendency ?