FACULTY OF MANAGEMENT
MBA (CBCS) II-Semester Examination, October / November 2021

Subject: Business Research Methods
Paper – MB – 203

Time 2 Hours   **Max. Marks: 80**

PART – A

Note: Answer any four questions.   **(4 x 5 = 20 Marks)**

1 What is Significance of Business Research?
2 Explain Baye's Theorem.
3 What are the Sources for Secondary Data?
4 What is Standard Error?
5 What are the Types of Research Report?

PART – B

Note: Answer any four questions.   **(4 x 15 = 60 Marks)**

6 Explain the formulation process of Research Design.

7 From the following data, calculate Mean and Median

Profits (Rs.) :	0-10	10-20	20-30	30-40	40-50	50-60
No. of Shops	12	18	27	20	17	6

8 What is Probability and explain the axioms for the study of Probability.

9 The following mistakes per page were observed in a book

No. of Mistakes:	0	1	2	3	4
No. of Pages:	211	90	19	5	0

Fit a Poisson Model

10 Discuss the salient features relating to various Scaling Techniques.

11 Explain the merits and demerits of different Sampling methods.

12 In 324 throws of a six faced die, odd points are appeared 181 times. Do you say that, the die is fair?

13 Intelligence test of two groups of Boys and girls gives the following results:

Girls: Mean = 84: S.D = 10: N = 121
Boys: Mean = 81: S.D = 12: N = 81

Examine is the difference between Means and Standard Deviations significant?

14 Calculate Karl Pearson's Coefficient of Correlation from the following data:

Marks in Accounts:	48	35	17	23	47
Marks in Statistics:	45	20	40	25	45

15 From the following details obtain two Regression Equations:

	X	Y
Mean	65	67
S.D	2.5	3.5

Correlation Coefficient: 0.8

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