

(4)

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OR

- (b) Calculate the Standard Deviation and Coefficient of S. D. from the following data : 10 Marks

X	f
2	1
4	4
6	6
8	4
10	1

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590

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Roll No.

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B. B. A. (THIRD SEMESTER)
MID SEMESTER EXAMINATION, 2021
BUSINESS STATISTICS

Time : 1½ Hours

Maximum Marks ; 50

Note : (i) Answer all the questions by choosing any *one* of the sub-questions.

(ii) Each question carries 10 marks.

1. (a) Discuss the significance and uses of statistics in business. 10 Marks

OR

- (b) Differentiate between Mean, Median and Mode. 10 Marks

2. (a) What are the differences between Primary and Secondary Data ? 10 Marks

P. T. O.

(2)

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OR

- (b) Calculate Arithmetic Mean from the following series : 10 Marks

Wages	No. of Workers
0—10	8
10—20	12
20—30	20
30—40	6
40—50	4

22.27

3. (a) Briefly explain the Correlation and Regression Analysis. 10 Marks

OR

- (b) Calculate the coefficient of correlation between birth rate and death rate from the following data : 10 Marks

Birth Rate	Death Rate
24	15
26	20
32	22
33	24
35	27
30	24

 $r = 0.920$

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4. (a) Discuss the nature and significance of Business Forecasting. 10 Marks

OR

- (b) Find out Median from the following data :

10 Marks

X	f
11	4
14	16
12	7
18	20
13	10
15	18
19	18
17	22
16	25
20	16

5. (a) Briefly describe Mean Deviation and Standard Deviation with suitable example.

10 Marks

P. T. O.