

G 1308

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Reg. No.....

Name.....

**FIVE YEAR INTEGRATED B.B.A./B.Com., LL.B. (HONOURS) DEGREE
EXAMINATION, JUNE 2022**

Third Semester

FB 8/FC 8—BUSINESS STATICS

(2019 Admissions—Regular)

Time : Three Hours

Maximum : 75 Marks

Part A

Answer any five questions.

Each question carries 3 marks.

1. What is Moving Average ?
2. State the problems in construction of Index Number.
3. Define Kurtosis.
4. Narrate the concept of Range.
5. Define Geometric Mean.
6. Mention the various measures of Dispersion.

(5 × 3 = 15 marks)

Part B

Answer any three questions.

Each question carries 10 marks.

7. What is Mode ? Narrate the merits and limitations of Mode. Also illustrate the determinants of Mode in the discrete series.
8. Describe the essential characteristics of an average. Also indicate the advantage and disadvantages of Mean.
9. Discuss the importance of statistics and also illustrate the distrust of statistics.
10. Find Median from the following data :

Marks Mid-value	:	10	15	20	25	30	35	40
No of students	:	3	7	10	15	8	5	2

(3 × 10 = 30 marks)

Turn over

Part C

Answer any two questions.

Each question carries 15 marks.

11. Define Time series. Explain the components of time series.
12. Calculate Standard Deviation and Coefficient of variation from the following :

Income	:	Above 0	- 10	- 20	- 30	- 40	- 50	- 60	- 70	- 80
No. of persons	:	100	97	89	77	57	27	12	5	0

13. From the following, construct Price Index using Lapser's method :

Commodity	Base Year		Current Year	
	Price	quantity	Price	quantity
P	8	6	10	5
Q	10	7	15	8
R	4	3	6	3
S	7	2	8	3

(2 × 15 = 30 marks)