

F 7623

(Pages : 2)

Reg. No.....

Name.....

**FIVE YEAR B.Com./B.B.A., LL.B. (HONS.) DEGREE EXAMINATION
JANUARY 2021**

Third Semester

FC 8/FB 9—BUSINESS STATISTICS

(2018 Admissions—Regular)

Time : Three Hours

Maximum : 75 Marks

Part A

Answer any five questions.

Each question carries 3 marks.

1. What is Inter-Quartile Range ?
2. What is Splicing ?
3. Explain the classification of Frequency Distribution.
4. What is Paasche's Formula and its merits ?
5. What is the purpose of Time Series Analysis ?
6. What is Lorenz curve ?

(5 × 3 = 15 marks)

Part B

Answer any three questions.

Each question carries 10 marks.

7. (a) Explain Mode.
(b) Find mode of this observation—7, 1, 2, 4, 7, 3, 9, 4, 9, 8, 7, 6, 6.
8. Explain the nature of distrust of statistics.
9. Explain the tests of consistency of index numbers.
10. What is Free hand curve method of measuring trend ?

(3 × 10 = 30 marks)

Turn over

Part C

*Answer any two questions.
Each question carries 15 marks.*

11. Find which Group is consistent in scoring marks :

<i>Marks</i>	:	10	20	30	40	50
A	:	54	18	16	10	9
B	:	34	17	7	11	6

12. Make a table of index numbers with different year bases—2012 and 2015 :

Year	:	2010	2011	2012	2013	2014	2015	2016
Price Index	:	60	70	90	100	105	110	115

13. Explain the various methods of collecting primary data.

(2 × 15 = 30 marks)