



QP CODE: 21102627



21102627

Reg No : .....

Name : .....

**B.A DEGREE (CBCS) EXAMINATIONS, OCTOBER 2021**

**First Semester**

B.A Corporate Economics Model III

**Core Course - EC1CRT27 - ELEMENTARY STATISTICS FOR ECONOMICS - I**

2017 Admission Onwards

B1BFBEC7

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Define Secondary Data.
2. Advantages of Secondary data.
3. What are the objectives of tabulation?
4. Merits of Pie diagram.
5. Merits of cartograms.
6. What is frequency curve?
7. Merits of median.
8. What are the merits of mode?
9. Find the Range of 25,32,85,32,42,10,20,18,28.
10. Demerits of mean deviation.
11. Define Bowleys coefficient of skewness.
12. What is Kurtosis and how it is measured?

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain the limitations of Statistics.
14. Draw greater than Ogive  
Marks: 10-20 20-30 30-40 40-50 50-60





F: 4 6 9 10 4

15. Draw Lorenz Curve

Income: 2-5, 5-10, 10-20, 20-30

F: 10, 12, 8, 5

16. Compute Median

C.I: 0-20 20-40 40-60 60-80 80-100

F: 5 10 18 12 5

17. Find the missing frequency from the following data, given that Mean= 16.

Marks: 0-5 5-10 10-15 15-20 20-25 25-30 30-35

f: 10 12 16 ---- 14 10 8

18. Merits and demerits of Standard Deviation.

19. Find 3rd Decile and 40th Percentile

Size: 10 12 15 18 20 25

F: 2 3 8 10 6 1

20. Find Karl Pearsons coefficient of Skewness

12, 18, 35, 42, 50, 45, 20, 8

21. Distinguish between Skewness and Kurtosis.

(6×5=30)

### Part C

Answer any **two** questions.

Each question carries **15** marks.

22. Explain the scope of statistics in different field.

23. Find Mean, Median and Mode

C.I: 0-10 10-20 20-30 30-40 40-50 50-60

F: 5 15 0 40 32 2

24. Find Standard Deviation

size: 10 20 30 40 50 60

fre : 3 5 7 20 8 7

25. Calculate Karl Pearsons coefficient of Skewness

C.I: 5-10 10-15 15-20 20-25 25-30 30-35 35-40 40-45

F: 5 10 12 14 30 18 9 2

(2×15=30)

