

Reg No:.....
Name :.....



K24FY 1428 (C)

First Semester FYUGP Commerce Examination
NOVEMBER 2024 (2024 Admission onwards)
KU1DSCCOM103 (BUSINESS STATISTICS)
(DATE OF EXAM: 6-12-2024)

Time : 120 min

Maximum Marks : 70

Part A (Answer any 6 questions. Each carries 3 marks)

1. State the meaning of statistical investigation 3
2. Compare Primary and Secondary data 3
3. What do you mean by questionnaire 3
4. Calculate the arithmetic mean from the following data:

Roll No.	Marks
1	85
2	70
3	55
4	75
5	50
6	80
7	42
8	25

3

5. The average mark of a student in 5 subjects is 72. His marks in four subjects are 37, 82, 55 and 77. Find out the marks for fifth subject. 3
6. Write a note on measures of variation 3
7. Describe Quartile Deviation 3
8. Compute the range and its coefficient for the following data:

Marks	No. of Students
10 – 20	20
20 – 30	16
30 – 40	25
40 – 50	30
50 – 60	10

3

Part B (Answer any 4 questions. Each carries 6 marks)

9. Explain features of Statistics 6

10. Statistics is the "Science of Averages". Explain 6
11. Explain the factors to be considered while using secondary data 6
12. Explain how measures of dispersion contribute to understanding and analyzing data more effectively. 6
13. Describe the purpose of measuring variation 6
14. Specify the differences between mean deviation and standard deviation. 6

Part C (Answer any 2 question(s). Each carries 14 marks)

15. What are the steps involved in the preparation of a pie chart? Illustrate your answer with the following data:

Mode of Transportation	Number of Students
Train	20
Bus	30
Car	10
Cycling	25
Walking	15

16. Distinguish between the following terms; 14
 - a) Simple Random sampling and Stratified Sampling
 - b) Census method and sample method of data collection
17. Provide a detailed explanation of measures of central tendency and explore the different types commonly used. 14