



First Semester FYUGP Degree Supplementary Examination

January 2025

KU1DSCCOM103 - BUSINESS STATISTICS

2024 Admission onwards

Time : 2 hours

Maximum Marks : 70

Section A

Answer any 6 questions. Each carry 3 marks.

1. What is convenience sampling
2. Write a note on tabulation
3. Describe classification
4. Define arithmetic mean.
5. A company reports the following sales figures over 5 months: 100, 150, 200, 250, 300. Find the simple average.
6. Daily income of ten families of a particular place is given below. Find out Geometric Mean.
85 70 15 75 500
7. Write a note on measures of variation
8. List out the algebraic method of measuring variability

Section B

Answer any 4 questions. Each carry 6 marks.

9. Critically evaluate Census Method
10. Whether Census or Sample method is suitable. Why
11. Explain the various parts of a table
12. Explain the objectives of calculating averages.
13. Find the Harmonic mean for the following distribution.

Class	Frequency
5 – 10	2
10 – 15	9
15 – 20	29
20 – 25	54
25 – 30	11
30 – 35	5

14. Describe the grouping and analysis method of calculating mode.

Section C

Answer any 2 questions. Each carry 14 marks.

15. Evaluate the role of Statistics in decision making process in various fields.
16. Explain the stages of statistical investigation to a study on mobile phone usage among students.
17. Compute the mean deviation and standard deviation for the data given below:

Daily Wages (Class Interval)	Number of Workers
3 - 5	6
5 - 7	20
7 - 9	46
9 - 11	80
11 - 13	48
13 - 15	16
15 - 17	14