K25FY4431 Pages: 2 Reg No:.....
Name:.....

First Semester FYUGP Degree (Sup) Examination November 2025

KU1DSCBBA102 - BUSINESS STATISTICS

2024 Admission onwards

Time : 2 hours Maximum Marks : 70

Section A

Answer any 6 questions. Each carry 3 marks.

1. What is Combined Mean
2. Define Geometric Mean
3. What is a statistical enquiry?
4. What is a Frequency Curve?
5. What do you mean by tally sheet?
6. What is Correlation Coefficient?
7. What are the uses of Correlation?
8. What is the line of Best Fit?

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Section B

Answer any 4 questions. Each carry 6 marks.

9. Distinguish between Primary and Secondary Data
10. Explain the applications of statistics in business
11. What are the essentials of a good diagram
12. Write a note on Scatter Diagram. Bring out its advantages and limitations
13. By using the following information, obtain the two regression equations

X	15	18	26	28	31	25	19	35
Y	10	11	16	19	17	14	11	24

14. What is Regression Line? Explain its uses.

Section C

Answer any 2 questions. Each carry 14 marks.

15. What are Seasonal Variations? Differentiate between Seasonal, Cyclical and Random fluctuations.

16. The following is the data of 2 companies, A and B, which produce two-wheelers. Evaluate the trend by the Moving Averages method using a 5-year period.

Year	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04
A	90	96	94	93	90	92	91	94	98	99	100	105	110	115	110
B	125	128	128	132	135	136	139	140	145	149	152	155	160	155	160

17. a) Differentiate between Skewness and Kurtosis

b) Mean marks obtained by 100 students was found to be 40. Later on, it was noted that one value was read as 83 instead of 53. Find out the correct mean.

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