

CSSR & SRRM DEGREE & PG COLLEGE**(AUTONOMOUS)**

UG (CBCS) REGULAR EXAMINATIONS, OCT-2025

BBA Honours, SEMESTER-III

MAJOR: BUSINESS STATISTICS AND MATHEMATICS

(w.e.f. 2024-25 Admitted Batch)

Time: 3 hrs.

(No additional sheet will be supplied)

Max. Marks: 70**SECTION - A****I. Answer any FIVE of the following. Each question carries 4 marks.****5×4 = 20 M**

1. What are the functions of Statistics?
2. Write about tabulation of data?
3. What are the applications of arithmetic mean?
4. List out the objectives of dispersion.
5. Describe about probable error.
6. Interpretation of Regression Coefficients.
7. What is a subset? Give an example to illustrate.
8. What are the applications of set theory?
9. What do you mean by matrix addition?
10. Discuss about matrix inversion.

SECTION - B**II. Answer All questions. Each Question Carries 10 Marks****5 X 10 =50 M**

11. Define statistics. What is the importance of Statistics in business context.

Or

12. What are the methods of data Collection? Explain.

13. What are the applications of measures of central tendency towards business?

Or

14. Illustrate about i) Quartile Deviation. ii) Standard Deviation.

15. What do you mean by correlation? Explain the types of correlation.

Or

16. Comparison between correlation and regression.

17. Illustrate De Morgan's laws with examples using Venn diagrams.

Or

18. Define Arithmetic Progression. What are the applications of arithmetic progression?

19. Define Matrix Determinants. What is the role of matrix determinants in business context?

Or

20. Write the relation between minor and cofactor. Explain.

