TB253806Q

Reg. No :.....

Name :.....

BACHELOR'S DEGREE EXAMINATION, OCTOBER 2025

2024 ADMISSIONS REGULAR

B. VOC SWD SEMESTER III - GENERAL

ST3B04B23 - Basic Statistics and SPSS

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks (10x2=20)

1. Explain chronological data
2. What are the 2 sources of data?
3. Explain the term Class Frequency
4. Quote the test statistics for F ratio test
5. Explain the term order of a class
6. Identify an example for a class frequency
7. Summarize the method of joining the selected cells into one cell in MS Excel
8. Define ribbon in MS Excel
9. Explain Footer in MS EXCEL
10. Identify the function; CORREL Function, Comment on the same
11. How to enter data manually to the into the Data Editor window in SPSS
12. Comment on the construction of a scatter plot using SPSS

Part B

II. Answer any Six questions. Each question carries 5 marks (6x5=30)

13. Write a short note on the construction of Discrete Frequency Table
14. Comment on the two regression lines
15. Comment on Histogram
16. Comment on Chi-Square Test for variance
17. Summarize on Ultimate Class Frequencies
18. Comment in detail the notations and terminologies used in Association of attributes
19. Summarize the procedure for t test in excel? Explain with an example
20. Comment on the indicators that comes under a status bar in MS Excel
21. Summarize the procedure for finding Standard deviation of a given data using SPSS

Part C

III. Answer any Two questions. Each question carries 15 marks (2x15=30)

22. Write short notes on a) Arithmetic Mean b) Median c) Mode
23. Annotate the steps involved in Test for difference in mean
24. Summarize the procedure for constructing a) Histogram b) Ogives using MS Excel
25. Write a brief note on how to summarize data using SPSS