M.Sc. DEGREE EXAMINATION,APRIL 2020
II Year IV Semester
SAS Programming

Time : 3 Hours **Max.marks :75**

Section A $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. Give the syntax for PROC PRINT statement in SAS.
2. State the data types available in SAS.
3. What is meant by log errors in SAS?
4. Define conditional processing.
5. Write the function of PROC TABULATE.
6. Give the function format of PROC REG.
7. What is the function of PROC REG and PROC LIFE?
8. Give the syntax for selecting a random sample in SAS.
9. What is linked libraries?
10. Define data warehousing.
11. State any two applications of statistical testing procedures available in SAS.
12. What is the function of DO LOOP?

Section B $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. Write short notes on creating and maintaining SAS libraries.
14. Discuss the function PROC PRINT.
15. Write down the procedure for reading data from external files with an example.
16. Write short notes on data formats.
17. Discuss on arrays used in SAS.
18. Write down the procedure for estimating confidence interval for mean using SAS.
19. Explain briefly on connecting to Oracle and other databases.

Section C $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. Discuss on logical and special operators.
21. Explain match-merging of SAS datasets.
22. Discuss in detail on producing graphical charts.
23. Elaborate on categorical data analysis using SAS
24. Explain data warehousing business intelligence.

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