

**M.Sc. DEGREE EXAMINATION, NOVEMBER 2018**  
**II Year IV Semester**  
**Core Elective**  
**SAS PROGRAMMING**

**Time : 3 Hours**

**Max.marks :75**

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

Answer any **TEN** questions

1. Define PROC COMPARE
2. Define PROC PRINT
3. Define log error
4. Define dropping variable in SAS
5. What is the basic form PROC MEANS?
6. What do you mean by enhancing charts?
7. How to select Random samples from SAS datasets?
8. What is the form of PROC LIFE
9. What is Data warehousing Business Intelligence
10. What is SAS macro?
11. Define Data warehousing
12. Explain about PROC DBLOAD for Loading Data?

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

Answer any **FIVE** questions

13. Explain Logical and Special operators in SAS
14. How do we examine data errors and log errors.
15. Illustrate producing tabular reports using PROC TABULATE with examples.
16. Describe the Regression Analysis using PROC REG Procedure
17. Explain Connecting to Oracle and Other Databases in SAS
18. Describe SAS ARRAY processing in detail
19. Explain DO Loop in SAS with example.

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

Answer any **THREE** questions

20. Explain about Creating, Maintaining and Exploring SAS Libraries.
21. Describe Combining SAS data sets and-Merging SAS datasets.
22. Explain about Producing Graphical Charts using PROC CHART, PROC GPLOT and PROC GCHART Procedures
23. Describe the Two-Sample t- Tests using PROC TTEST and PROC UNIVARIATE procedures
24. Explain PROC DBLOAD Procedure for loading data from RDBMSs and Excel Files

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