

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai - 600 044.

M.Sc.Biostatistics - END SEMESTER EXAMINATIONS - NOV' 2024

SEMESTER - III

24PBSET3A03 - SAS Programming

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Explain the naming conventions in SAS.
2. Describe DO Loop and SAS ARRAY processing with an example.
3. Relate the PROC CORR, PROC T TEST and PROC UNIVARIATE procedures.
4. Explain about SAS macros.
5. Describe Integration with Excel spreadsheet.
6. Relate the PROC REPORT and PROC TABULATE procedures with examples.
7. Explain Regression analysis using PROC REG procedure.
8. Organize Data warehousing business intelligence concepts using SAS in detail.

Section C

I - Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Describe about creating and maintaining SAS libraries.
10. Prepare a detailed note about concentrating, merging and combining SAS dataset.
11. Examine PROC CHART, PROC GPLOT and PROC GCHART procedures in detail.
12. Organize one-way ANOVA and two-way ANOVA with and without interaction using GLM procedure.

II - Compulsory question ($1 \times 10 = 10$ Marks)

13. Distinguish between PROC ACCESS and PROC DBLOAD procedures for mining data and loading data from and into RDBMSs and EXCEL files.
