

M.Sc. DEGREE EXAMINATION, EVEN SEMESTER 2021
II Year IV Semester
SAS Programming

Max.marks :25

Answer any **FIVE** questions ($5 \times 5 = 25$) Marks

1. a) Mention the steps involved in create a permanent library in SAS. (3)
b) Explain the use of log window, program window and output window. (2)
2. Elucidate outer join and inner join with an example.
3. Explain PROC TABULATE with suitable example.
4. Discuss proc t-test for one sample, two sample and paired t-test.
5. Write a SAS programme to draw a random sample of 100 observations from a data consisting of 1500 observations.
6. Explain construction of
 - a) Cox proportional
 - b) Hazard model, Log rank test
 - c) Kaplan Meier Curve
7. Describe a SAS Macro with at least one input argument