

QP CODE: 26019636



Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, MARCH 2026

Fourth Semester

MSC Data Analytics

ELECTIVE - ST910403 - DATA ANALYTICS PRACTICAL

2020 Admission Onwards

F76AC825

Time: 3 Hours

Weightage: 30

(Answer any **THREE** questions. Each question carries a weight of **10**)

1. Fit and plot the survival function of Lung dataset according to cox proportional hazard model.
2. Compare the survival curves for the two treatments using Kaplan -Meiye survival curves
Treatment A : 6,6,6,7,10,13,16,22,23,6,9,10,11,17,19,20,25,32,32,34,35
Treatment B: 1,1,2,2,3,4,4,5,5,8,8,8,8,11,11,12,12,15,17,22,23
3. Read the fuse dataset and construct x bar chart.
4. Generate samples and plot the R chart.
5. Construct np chart for the following data: sample size :
100,100,100,100,100,100,100,100,100,100 defectives : 8,7,12,5,18,2,10,16,14,6
6. Using any cloud application (GAE)make a basic calculator in JavaScript using form and TextBoxes.

