

2025

M.Sc. 1st Semester Examination

COMPUTER SCIENCE

Paper : COSC401X8

(Software Engineering Lab)

(Practical)

Full Marks : 15

Time : One Hour

The figures in the margin indicate full marks.

Answer any *one* question : 10×1=10

(Choose the question on the lottery basis)

1. Choose any one project from (a) to (f) and do the following :

- (a) Student Result Management System**
- (b) Library Management System**
- (c) Railway Reservation System**
- (d) Resource Management System**
- (e) Automatic Teller Machine**

(f) Fast Food billing System

- (i) Write the complete problem statement.
- (ii) Write SRS.
- (iii) Draw DFD at level 0 and level 1.
- (iv) Draw ERD.
- (v) Draw use case diagram and Sequence diagram for all use cases.

Viva-voce : 05 marks
