



HL-003-008302

Seat No. _____

M. Sc. (I.T.) (Sem. III) (CBCS) Examination

May / June - 2017

CMY - 3002 : Advanced Software Engineering

Faculty Code : 003

Subject Code : 008302

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- 1 Attempt any five : 30**
- (1) Describe component qualification, adaptation and composition.
 - (2) Explain object oriented testing strategies in detail.
 - (3) Explain Object Relationship Model.
 - (4) What is the use of Metrics ? Explain Class Oriented Metrics.
 - (5) What is Domain ? Explain Domain Analysis.
 - (6) Explain System Design Process.
- 2 Attempt any four : 20**
- (1) Explain functional specification in clean room software engineering.
 - (2) Write a note on Object Oriented Paradigm.
 - (3) Explain use case.
 - (4) Explain CK metrics suite.
 - (5) Explain testing methods applicable at class level.
- 3 Attempt any two : 20**
- (1) Explain Component based Software Engineering.
 - (2) Explain Clean room process model.
 - (3) What is CRC Model ? Briefly explain CRC Model along with CRC index card.