



HDF-003-008302

Seat No. _____

M. Sc. (IT & CA) (Sem. III) (CBCS) Examination

November / December – 2017

**CMY-3002 : Advanced Software Engineering
(Old Course)**

Faculty Code : 003

Subject Code : 008302

Time : Hours]

[Total Marks : 70

- 1** Attempt any five : **30**
- (1) Explain Domain Analysis With Example.
 - (2) Explain Spiral, Model.
 - (3) Explain CRC model index card.
 - (4) Explain Object Oriented Testing strategies.
 - (5) Explain Use-Cases with example.
 - (6) Describe Component qualification, adaptation, and composition.
 - (7) Explain Object behaviour model in detail.
- 2** Attempt any **two** : **20**
- (1) Explain the System Design Process.
 - (2) Describe Cleanroom Strategy. Explain and Design Refinement and Verification.
 - (3) Explain Black Box Specification and Clear Box specification.
- 3** Attempt any **two** : **20**
- (1) Explain Component base software engineering process.
 - (2) What is the use of Metrics ? Explain Class oriented metrics.
 - (3) List out testing types and explain any two.