



NBO-003-007401

Seat No. _____

M. C. A. (Sem. IV) (CBCS) Examination

April / May – 2017

CCA - 4001 : Software Engineering

Faculty Code : 003

Subject Code : 007401

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

[Total Marks : 70

Instruction : Write answers of all the questions in main answer sheet.

1 Answer any Ten of the following : 30

- (1) What is testing ?
- (2) Explain CMMI.
- (3) Explain Recovery testing.
- (4) What is Process and Process Flow ?
- (5) Explain Elaboration in requirement.
- (6) What is Software ? Explain its requirement.
- (7) Explain Scrum model.
- (8) Explain validation requirement.
- (9) Explain Object, Attributes and relationship.
- (10) Explain Refinement and refactoring
- (11) What is Cohesion and Coupling ? Explain types.

2 Attempt any three of the following : 15

- (1) Write a note on CRC.
- (2) Draw Activity diagram for Hotel.
- (3) Explain Waterfall model and spiral model.
- (4) Explain Agile.

- 3** Attempt any two of the following : **15**
- (1) Explain Analysis in detail.
 - (2) Explain Cyclomatic complexity.
 - (3) Explain Flowchart with example
- 4** Attempt any one of the following : **10**
- (1) Describe CBSE.
 - (2) Explain Any Two testing with example.
-