M. Sc. (IT) (Sem. - III) Examination

May / June – 2015

CMY 3002 : Adv. Software Engg.

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

1   Attempt **any four.**   **20**

(1)   Write a note on Object Oriented Paradigm.

(2)   Explain Domain Analysis.

(3)   Explain testing methods applicable at class level.

(4)   Explain CK metrics suite.

(5)   Explain use case.

2   Attempt **any five.**   **30**

(1)   Explain Object Behavior Model.

(2)   Explain System design process.

(3)   Explain object oriented testing strategies in detail.

(4)   Explain functional specification in clean room software engineering.

(5)   Describe component qualification, adaptation and composition.

(6)   Explain Object Design Process.

3   Attempt **any two**   **20**

(1)   What is CRC Model? Briefly explain CRC Model along with CRC index card.

(2)   Write a note on Component based software engineering.

(3)   Explain Clean room software engineering.