

Code: 9F00304

**MCA III Semester Supplementary June 2012 Examinations
SOFTWARE ENGINEERING**

(For 2009 & 2010 admitted batches only)

Time: 3 hours

Max Marks: 60

**Answer any FIVE questions
All questions carry equal marks**

1. (a) Explain the evolving role of software.
(b) Write about 'Capability Maturity Model' integration (CMM).
2. (a) What are the different process models? Explain in detail about waterfall model.
(b) What are functional and non-functional requirements? List them and discuss.
3. (a) Write a brief notes of requirements elicitation.
(b) Write a short note on object models & structured models.
4. (a) What are various design principles & concepts?
(b) Define software architecture. What are different architectural styles?
5. (a) Describe briefly user interface analysis and design.
(b) Explain with help of an example the user interface design patterns.
6. Explain in detail testing strategies for conventional and object oriented software.
7. Write about the following:
(a) Differences between white box testing and black box testing with example.
(b) Interclass test case design.
8. Discuss about the following:
(a) Metrics for the design model.
(b) Software reengineering process model.
