

Code: 9F00304

MCA III Semester Supplementary Examinations September/October 2014

**SOFTWARE ENGINEERING**

(For students admitted in 2009, 2010, 2011 and 2012 only)

Time: 3 hours

Max Marks: 60

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) Explain about genetic process model.  
(b) Write short notes on software myths.
- 2 (a) Explain about evolutionary process model.  
(b) Discuss about agile process.
- 3 (a) Write the functional and nonfunctional requirements with examples.  
(b) Explain about ERD modeling.
- 4 (a) Write some guidelines for software quality design.  
(b) Explain about function based component design.
- 5 (a) Explain the golden rules for interface design.  
(b) Explain about pattern based software design.
- 6 (a) Explain strategic approach for software testing.  
(b) Explain about validation testing.
- 7 (a) Explain about basis path testing.  
(b) Explain about interclass test case design.
- 8 (a) Explain about software quality assurance.  
(b) Give an account on software reengineering process model.

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