

Code: 9F00304

MCA III Semester Supplementary Examinations July 2015

**SOFTWARE ENGINEERING**

(For students admitted in 2009, 2010, 2011, 2012 and 2013 only)

Time: 3 hours

Max Marks: 60

Answer any FIVE questions

All questions carry equal marks

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- 1 (a) What is the software engineering? Explain software myths.  
(b) Write about process frame work.
- 2 (a) Explain water fall model in detail.  
(b) Write about unified process.
- 3 (a) Write about behavioral modeling.  
(b) Define requirements elicitation. Explain requirements validation.
- 4 (a) Explain in detail about architectural design.  
(b) Write about design model.
- 5 (a) What is the goal of user interface design? What do we need to know about the environments as we begin UI design?  
(b) Write about architectural patterns.
- 6 (a) What errors are commonly found during unit testing and top-down integration?  
(b) What guidelines lead to a successful software testing strategy?
- 7 (a) Explain about black box testing in detail.  
(b) Write about object oriented testing methods.
- 8 (a) What is risk mitigation? What can be done to mitigate a risk?  
(b) Write a about metrics for software testing.

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