Code: 9F00304

MCA III Semester Supplementary Examinations, July 2013
SOFTWARE ENGINEERING

Time: 3 hours   Max Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1 (a) Explain about the nature of the software.
   (b) Discuss the CMMI model.

2 (a) Explain about RAD model.
   (b) What is agile process? Explain extreme programming agile process model.

3   Discuss about principal requirement engineering activities and their relationships.

4 (a) What is software architecture? Why is architecture important?
   (b) Discuss object oriented architecture.

5 (a) Discuss about the golden rules of user interface design.
   (b) Describe the architectural patterns.

6 (a) What is meant by white box testing? Explain.
   (b) Explain about test strategies for object oriented software.

7 (a) Explain about graph based testing methods.
   (b) Explain about interclass test case design.

8 (a) Explain the metrics for software quality.
   (b) Explain the metrics for testing.

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