Code: 9F00304

MCA III Semester Supplementary Examinations May 2018
SOFTWARE ENGINEERING
(For 2011 (LC), 2012, 2013, 2014, 2015 & 2016 admitted batches only)

Time: 3 hours   Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1 (a) Explain the Practitioner's myths.
   (b) List out software application domains and explain them.

2 (a) Elaborate the process patterns.
   (b) Write about process assessment and improvement.

3 (a) Explain quality function deployment.
   (b) What are the elements of the requirements model?
   (c) Write about data objects and relationships.

4 (a) Elaborate the software quality guidelines and attributes.
   (b) Explain an architecture trade-off analysis method.

5 (a) Write about "Reduce the user's memory load".
   (b) Explain about design tasks.

6 (a) Distinguish between verification and validation.
   (b) Write about smoke testing.
   (c) Explain the debugging process.

7 (a) Give at least three examples in which black box testing might give the impression that "everything's OK", while white-box tests might uncover an error.
   (b) Explain fault based testing.
   (c) Explain validation testing in an OO context.

8 (a) Write about measurement principles.
   (b) Explain software reengineering process model.

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