

Code: 9F00304

MCA III Semester Regular & Supplementary Examinations November 2016

SOFTWARE ENGINEERING

(For 2011, 2012, 2013, 2014 & 2015 admitted batches only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Explain the software frameworks.
(b) What is software? Explain the nature of software.
- 2 (a) Explain the incremental model. Write the advantages and disadvantages.
(b) Explain the principles of agile methods.
- 3 (a) Explain non functional requirements.
(b) Explain the behavioural modeling.
- 4 (a) Explain the structural partitioning.
(b) Explain the function based component design.
- 5 (a) Write the golden rules of interface design and explain it.
(b) Explain the component level design pattern.
- 6 (a) What is testing? Explain system testing.
(b) Explain the software testing steps.
- 7 (a) What are the testing principles?
(b) Explain the graph based testing method.
- 8 (a) What are the metrics for the requirement model?
(b) Explain the software re engineering activities.
