Code: 06MC401

M.C.A – IV Semester Supplementary Examinations, June 2012

SOFTWARE ENGINEERING

(For 2006, 2007 & 2008 admitted batches only)

Time: 3 hours   Max Marks: 60

Answer any FIVE questions

All questions carry equal marks

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1. (a) How the nature of software has changed?
   (b) What are the different layers of software? What is the signature of umbrella activities?

2. (a) What are the applications for which waterfall model and incremental model are suitable? Give proper justification.
   (b) Give the general format of software requirements document.

3. (a) How the requirements are identified? What is requirements elicitation?
   (b) How the data flow is represented?

4. (a) What is software architecture? What is its significance?
   (b) What is the significance of data in software engineering? How the data is identified, analyzed and designed?

5. (a) Explain the golden rules for user interface design.
   (b) How the object classes are represented?

6. (a) How the testing strategies vary with conventional and object oriented software?
   (b) What are the metrics for testing?

7. (a) What are proactive and reactive risk strategies? Compare them.
   (b) What are the different kinds of software risks?

8. (a) What is software quality? How it is quantified.
   (b) What is software quality assurance?

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