Code No: 07A4EC12 |R07| |Set No. 3|

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
II B.TECH II SEM–REGULAR/SUPPLEMENTARY EXAMINATIONS MAY – 2010
SOFTWARE ENGINEERING
Common to Information Technology, Computer Science And Engineering,
Computer Science And Systems Engineering

Time: 3 hours   Max Marks: 80
Answer any FIVE Questions
All Questions carry equal marks
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1. Explain the various phases of the unified process model with a neat diagram. [16]

2. Differentiate

   (a) Top-down integration & Bottom-up integration

   (b) Regression testing & Smoke testing   [8+8]

3. What is a process pattern? Describe the template of a process pattern with an example. [16]

4. Give the complete description and details of the Software Requirements Specification Document for a Library Management System. [16]

5. Explain how the following can be performed in UI design

   (a) Task analysis & modeling

   (b) Display content analysis   [10+6]

6. (a) Explain about web engineering project metrics.
   (b) Discuss about defect efficiency.   [8+8]

7. Explain about

   (a) The review meeting

   (b) Review guidelines

   (c) Quality control

   (d) Cost of quality   [4+4+4+4]

8. Explain data design at the Architecture level and data design at the component level with an example. [16]

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4