R09

Code No: C2503

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.Tech I Semester Examinations, March/April 2011

SOFTWARE PROCESS AND PROJECT MANAGEMENT

(SOFTWARE ENGINEERING)

Time: 3hours **Max. Marks: 60**

Answer any five questions

All questions carry equal marks

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1. a) Discuss about software process assessment.
   b) Briefly explain about the optimizing process. [12]

2. a) Explain PCMM with examples.
   b) What is IDEAL? Explain.
   c) Discuss about process definition techniques. [12]

3. a) Discuss about evolution of software economics.
   b) Explain about the principles of conventional software engineering. [12]

4. a) Explain about project management and the CMM.
   b) Explain project management process framework. [12]

5. a) What are artifacts of the project management process? Explain.
   b) Discuss about quality assurance and configuration management. [12]

6. a) Discuss about defect analysis and prevention methods.
   b) What are quality indicators? Explain. [12]

7. a) Delineate the role of closure analysis in a project.
   b) Discuss about closure analysis report. [12]

8. Explain the following:
   a) Team work among stakeholders
   b) Modern software economics
   c) Modern process transitions [12]
   d) Continuous integration

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