

Code No: 55029

R09

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year I Semester Examinations, November - 2015

SOFTWARE ENGINEERING

(Common to CSE, IT)

Time: 3 Hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

1. What is meant by process assessment? Explain about personal and team process models. [15]
- 2.a) State and explain various categories of non-functional requirements.
b) Discuss about evolutionary process models. [8+7]
3. What is meant by requirements analysis? Explain about behavioral models and object models with suitable examples. [15]
- 4.a) State and explain various design concepts.
b) Explain about pattern based software design. [8+7]
- 5.a) Discuss about class based components design.
b) Write about golden rules. [8+7]
- 6.a) Discuss a frame work for product metrics.
b) State and explain various validation testing approaches. [7+8]
7. Explain in detail about risk identification, risk projection and RMMM plan. [15]
8. Discuss the need for quality standards. And also explain in detail about the ISO 9000 quality standards. [15]

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