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Code No: A5805

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.Tech I Semester Examinations, October/November-2011

SOFTWARE ENGINEERING

(COMPUTER SCIENCE AND ENGINEERING)

Time: 3hours

Max. Marks: 60

**Answer any five questions
All questions carry equal marks**

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- 1.a) Explain about team and process models in detail.
- b) Explain about various software myths. [12]
2. Explain about various evolutionary process models in detail. [12]
3. Explain about the requirements engineering process in detail. [12]
4. What is software architecture? Explain how architectural design is done. [12]
5. Explain about the object oriented design process in detail. Why is it adopted widely? [12]
6. What is a testing strategy? Explain various strategies for testing conventional software? [12]
- 7.a) What is software reuse? Explain the advantages of it.
- b) Explain the customer's role in testing. [12]
8. Write short notes on the following.
 - a) Water fall model
 - b) Debugging
 - c) Black-box testing. [12]

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