

Code No: C2503**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.TECH I SEMESTER EXAMINATIONS, APRIL/MAY 2012
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. Distinguish between software process and software project. Discuss in detail the Initial process, the repeatable process and the managed process.
- 2.a) What are process reference models? Explain any two of them.
b) What is meant by Requirements Driven functional decomposition? Explain the risk profile of a conventional software project across its life cycle.
- 3.a) What are the key practices that improve overall software quality? Explain them.
b) State the Boehm's staffing principles and explain them.
- 4.a) What is meant by Elaboration phase? Discuss the primary objectives and essential activities of Elaboration phase.
b) Discuss briefly the Engineering artifact sets.
- 5.a) Explain with a neat diagram how various artifacts evolved over the life cycle?
b) What are major milestone that occur at the transition points between life - cycle phases? Explain them.
6. Discuss clearly the software management team activities, software architecture team activities also software development team activities.
- 7.a) Discuss about typical minor milestones in the life cycle of an iteration.
b) Explain the pragmatic software metrics.
8. Write short notes on the following
 - a) Next – Generation software economics
 - b) Modern process transitions
 - c) Process automation
