

**Code No: A4004**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
M.Tech I Semester Examinations, October/November-2011  
SOFTWARE PROJECT MANAGEMENT  
(INFORMATION TECHNOLOGY)**

**Time: 3hours**

**Max. Marks: 60**

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

- - -

1. a) What are the various activities covered under software project management? Discuss them briefly.  
b) Discuss the risk profile of a conventional software project across its life cycle. [12]
2. a) State and explain the key practices that improve overall software quality.  
b) Define the term software process. Discuss various approaches for improving software process. [12]
3. Compare the principles of conventional software engineering and modern software management. [12]
4. a) State and explain the operational artifacts of management artifacts set.  
b) Discuss how artifacts evolved over the life cycle. [12]
5. a) What is the need for check points for a process? Discuss about periodic status assessment.  
b) Discuss briefly the work breakdown structures. [12]
6. a) Discuss the default roles in a software line-of-business organizations.  
b) Explain the process automation building blocks. [12]
7. a) Discuss about life cycle expectations.  
b) Discuss the need for tailoring the process. Give a suitable example. [12]
8. Write short notes on the following:  
a) Modern project profiles  
b) Next generation software economics  
c) Peer inspections. [12]

\* \* \* \* \*