

Code: CSCS2T6A

**I M.Tech-II Semester-Regular Examinations-December 2013**

**SOFTWARE PROJECT MANAGEMENT  
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Marks: 5x14=70

Answer any FIVE questions. All questions carry equal marks

1. a) Discuss the symptoms for a failure project using the conventional software management. 7M
- b) Write the five basic parameters for software economics and explain pragmatic software cost estimation. 7M
2. a) Explain the processes in various levels for improving software process. Explain any two methods for reducing software product size. 7M
- b) Discuss the principles of conventional software engineering. 7M
3. a) Discuss about the essential and primary activities of inception phase and elaboration phase. 7M
- b) Define artifact and artifact sets. Explain the two artifact sets. 7M

4. a) What is software architecture. Explain the software architecture with technical perspective. 7M
- b) Define iteration workflow. Discuss the sequence of workflow that includes in iteration workflow. 7M
5. a) Describe briefly about the four major milestones that occur at the transition points between life cycle phases. 7M
- b) What are the disadvantages of traditional work breakdown structure. 7M
6. a) Explain the concept of process automation with reference to project environment. 7M
- b) Explain software change order. 7M
7. a) What are the seven core metrics? Explain briefly. 7M
- b) Discuss process discriminants. 7M
8. a) Discuss the next generation cost models. 7M
- b) Discuss the various culture shifts for transition to a modern software management process. 7M