

Code: **CSCS2T6A**

I M.Tech-II Semester - Regular Examinations – AUGUST 2016

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

Duration: 3 hours

Max. Marks: 70

Answer any FIVE questions. All questions carry equal marks

1.

a) Discuss the five improvements to the basic Waterfall model. 7 M

b) Explain three generations of software development. 7 M

2.

a) Explain important trends to improve the software economics. 7 M

b) Explain in brief the principles of conventional software engineering. 7 M

3.

a) Explain two stages of life cycle phases. 7 M

b) Explain Management artifacts. 7 M

- 4.
- a) Explain the software architecture in technical perspective. 7 M
 - b) Briefly explain the seven software process workflows. 7 M
- 5.
- a) Explain periodic status assessments. 7 M
 - b) Discuss conventional WBS issues. 7 M
- 6.
- a) What are the four component teams in evolution of organization and their responsibilities? 7 M
 - b) Discuss Round- trip engineering in brief. 7 M
- 7.
- a) Explain the three fundamental sets of management metrics. 7 M
 - b) Explain the basic characteristics of Pragmatic Software metrics. 7 M
- 8.
- a) What are top ten software management principles? 7 M
 - b) Explain modern process transitions. 7 M