

Code: CS8T2A, IT8T2B, EM8T4A

IV B.Tech-II Semester–Regular/Supplementary Examinations–April 2017

SOFTWARE PROJECT MANAGEMENT

(Common for CSE, IT, ECM)

Duration: 3 hours

Max. Marks: 70

Answer any FIVE questions. All questions carry equal marks

1. a) Discuss the main features of conventional software management, and discuss necessary improvements for it. 7 M
- b) What is meant by software economics? Discuss about pragmatic cost estimation. 7 M
2. a) Describe five important staffing principles offered by Boehm. 7 M
- b) State and explain the maxims of team management. 7 M
3. a) Describe the inception and elaboration phase. 7 M
- b) Discuss in detail about Management artifacts. 7 M
4. a) State and explain software process workflows in detail. 7 M

- b) Explain the technical perspectives in Model based software architectures. 7 M
5. a) Write a typical software development plan outline, and discuss briefly about work break down structure. 7 M
- b) Discuss in detail about pragmatic planning artifacts. 7 M
6. Explain how process automation and change management are critical to an iterative process and how does metric automation become crucial to effective project control. 14 M
7. a) Name some important software quality indicators. 7 M
- b) Discuss in detail about metrics automation. 7 M
8. Write short notes on the following:
- a) Next generation Software economics. 6 M
- b) Effort estimation and scheduling. 8 M