

Code No: **R4105B**

R10

Set No. 1

IV B.Tech I Semester Supplementary Examinations, February - 2019

SOFTWARE PROJECT MANAGEMENT

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 75

**Answer any FIVE Questions
All Questions carry equal marks**

- 1 a) Why project management software is more important for an organization? Explain. [5]
b) List out the most popular project management softwares and tools. [3]
c) Discuss the attributes of a good software cost estimate model. [7]
- 2 a) Explain the five fundamental parameters of the software cost model. [7]
b) Discuss the important principles of modern software project management. [8]
- 3 a) Explain about the phases of the project management that helps to improve the software quality. [8]
b) Explain in detail about the objectives and outcomes of Elaboration phase. [7]
- 4 a) Explain about technical perspective of model-based architecture. [8]
b) Explain in detail the iteration workflows in software project management. [7]
- 5 a) What are milestones in a software project management? What is the importance of milestones? How do you define milestones? Explain. [8]
b) Explain the minor milestones in the life cycle of an iteration process. [7]
- 6 a) What do you mean by Line-of-Business organization? Discuss the default roles in a software line-of-business organization. [6]
b) Write short notes on
(i) Prototyping environment
(ii) Development environment
(iii) Maintenance environment. [9]
- 7 a) Discuss the necessity of metrics automation in Software project management. [8]
b) Explain the process discrimination that result from differences in stakeholder cohesion. [7]
- 8 a) Discuss about next generation software economics. [8]
b) Explain the culture shifts of modern process transition. [7]