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
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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]