

Code No: R4105B

R10

Set No. 1

IV B.Tech I Semester Supplementary Examinations, February/March - 2018
SOFTWARE PROJECT MANAGEMENT
(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

- 1 a) Explain in brief the Boehm's top 10 quotations for the conventional software management performance. [10]
b) Discuss the pragmatic software cost estimation. [5]
- 2 a) How to reduce software product size? Explain in detail. [8]
b) Give the modern process approaches for solving the conventional problems. [7]
- 3 a) Define earned value system and explain its parameters. [6]
b) What do you mean by management artifacts? Explain life-cycle expectations. [9]
- 4 a) What do you mean by Software architecture? Discuss the importance of software architecture and its linkage with modern software development process. [8]
b) With a table, Explain the allocation of artifacts and the emphasis of each workflow in each of the life-cycle phases. [7]
- 5 a) Illustrate periodic status assessments. [8]
b) Discuss various issues related to Conventional Work Breakdown Structures [7]
- 6 a) Describe the software project team evolution with neat schematic. [8]
b) What is the need for process automation? Explain. [7]
- 7 a) Explain about quality indicators. [8]
b) Explain process discriminators that results from differences in domain experience. [7]
- 8 a) Write about the Top10 software management principles. [8]
b) Discuss various culture shifts that are necessary to transition successfully from conventional practice to a modern software management process. [7]