

Code No: RT4105C

R13

Set No. 1

IV B.Tech I Semester Supplementary Examinations, February/March - 2018

SOFTWARE PROJECT MANAGEMENT

(Common to Computer Science and Engineering and Information Technology)

Time: 3 hours

Max. Marks: 70

Question paper consists of Part-A and Part-B

Answer ALL sub questions from Part-A

Answer any THREE questions from Part-B

PART-A (22 Marks)

1. a) Discuss need of software project management [4]
- b) What is a Lifecycle Model of Project Management? [3]
- c) Write about function point analysis. [4]
- d) Write about Risk monitoring [4]
- e) Discuss about resource allocation in Project Management. [4]
- f) Define Quality of software. [3]

PART-B (3x16 = 48 Marks)

2. a) Explain in detail various activities of software management [8]
- b) List and Explain various Software Effort Estimation Techniques [8]
3. a) Explain the first two phases of the life-cycle process. [8]
- b) Explain the typical minor milestones in the lifecycle of iteration. [8]
4. a) Explain in detail various steps in software project estimation [8]
- b) Discuss in detail different models of COCOMO with an example [8]
5. Explain about
a) Risk Identification and
b) Risk Quantification [16]
6. What is earned value of a Project? Explain about earned value analysis. [16]
7. a) What is CMM? Explain the process of CMM with neat sketch. [8]
- b) Discuss in detail about enhancing software quality. [8]