

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

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) How to analyze project characteristics? [3]
 - b) Discuss about process artifacts. [3]
 - c) What is usecase-based estimation? [4]
 - d) Describe Monte Carlo simulation. [4]
 - e) Give the formula for earned value analysis. [4]
 - f) Define quality measures. [4]

PART-B(3x16 = 48 Marks)

- | | | |
|----|--|-----|
| 2. | a) What are the problems with software projects? Explain. | [8] |
| | b) Who are stakeholders? Explain management control. | [8] |
| 3. | a) What are software process workflows? Discuss in detail. | [8] |
| | b) Discuss in detail about choosing technologies. | [8] |
| 4. | a) Explain about the COCOMO. | [8] |
| | b) How to formulate a network model? Explain. | [8] |
| 5. | a) Discuss about the risk assessment. | [8] |
| | b) What is a risk? How to manage risks? | [8] |
| 6. | a) How to identify resource requirements? Explain. | [8] |
| | b) What is a defect tracking? Discuss about resource scheduling. | [8] |
| 7. | a) Explain the Product vs process quality. | [8] |
| | b) What is CMM? Describe about the ISO 9126. | [8] |

