

Code No: R164105E

R16

Set No. 1

IV B.Tech I Semester Advanced Supplementary Examinations, May - 2022

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 FOUR questions from Part-B

PART-A (14 Marks)

1. a) What is Management? [2]
- b) Discuss about inception phase. [2]
- c) What is critical path analysis? [3]
- d) Explain Monte Carlo simulation. [2]
- e) What are categories of reporting? Explain. [2]
- f) Explain about product quality metrics. [3]

PART-B (4x14 = 56 Marks)

2. a) Define the scope of software project management. [7]
- b) With neat diagram explain step-wise Objective and goals of project planning. [7]
3. a) Briefly explain about management artifacts. [7]
- b) Explain about life cycle models. [7]
4. a) Distinguish between the forward pass and backward pass with examples. [7]
- b) Explain about COSMIC full function points. [7]
5. a) Discuss in detail risk management. [7]
- b) Explain about risk assessment. [7]
6. a) Discuss about scheduling resources. [7]
- b) Explain defect tracking and issues tracking. [7]
7. a) Explain the Planning quality. [7]
- b) Explain the Quantitative quality management planning. [7]