

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*

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**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]

