

Code No: **R164105E**

**R16**

**Set No. 1**

**IV B.Tech I Semester Regular/Supple Examinations, Jan/Feb - 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) Distinguish between objectives and products. [3]
- b) List the activities affected by chosen technology. [2]
- c) What are the standards for function point analysis? [3]
- d) Write about Risk monitoring. [2]
- e) What is progress monitoring? [2]
- f) Explain the Quality Measures. [2]

**PART-B (4x14 = 56 Marks)**

2. a) Explain the activities of software project management with an example. [7]
- b) Explain few problems associated with software projects. [7]
3. a) Explain the first two phases of the life-cycle process. [7]
- b) Explain the typical minor milestones in the lifecycle of iteration. [7]
4. a) List the possible areas of estimation. [7]
- b) Explain Software effort estimation techniques. [7]
5. Explain about [14]
  - a) Risk Identification and
  - b) Risk Quantification
6. What is earned value of a Project? Explain about earned value analysis. [14]
7. a) What is Capability Maturity Model? Explain its process with neat sketch. [7]
- b) Discuss in detail about Statistical process control. [7]