

Code No: **R15A0543****MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY**

(Autonomous Institution – UGC, Govt. of India)

**IV B.Tech - II Semester Supplementary Examinations, April 2023****Software Project Management****(CSE)**

<b>Roll No</b>									
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**Time: 3 hours****Max. Marks: 75****Note:** This question paper contains two parts A and B

Part A is compulsory which carries 25 marks and Answer all questions.

Part B Consists of 5 SECTIONS (One SECTION for each UNIT). Answer FIVE Questions, Choosing ONE Question from each SECTION and each Question carries 10 marks.

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**PART-A (25 Marks)**

- 1). a What is software project management? [2M]
- b What is macro-process? [3M]
- c Define Software Economics? [2M]
- d List five staffing principles offered by Boehm. [3M]
- e What is the impact of iterative development on evolving artifacts? [2M]
- f Write about Artifact set [3M]
- g What is Pragmatic planning [2M]
- h Define typical sequence of life cycle checkpoints? [3M]
- i Define Quality of software. [2M]
- j Write short notes on Pragmatic software metrics? [3M]

**PART-B (50 MARKS)****SECTION-I**

- 2 Explain necessary improvements in Water fall model [10M]  
OR

- 3 Explain Pragmatic software cost estimation [10M]

**SECTION-II**

- 4 Illustrate the different phases of the life-cycle process. [10M]  
OR

- 5 Explain the principles of modern software management [10M]

**SECTION-III**

- 6 Define Artifact? Write short notes on Engineering Artifacts. [10M]  
OR

- 7 What is model based software architecture in project management? [10M]

**SECTION-IV**

- 8 Explain various process workflows? [10M]  
OR

- 9 Explain conventional and Evolutionary work break down structures? [10M]

**SECTION-V**

10 Define metric. Discuss seven core metrics for project control and process instrumentation with suitable examples? [10M]

OR

11 Explain about the quality indicators that can be used as core metrics on software projects [10M]

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