Code No: R194105E

R19

Set No. 1

IV B.Tech I Semester Advance Supplementary Examinations, March– 2023
SOFTWARE PROJECT MANAGEMENT
(Computer Science and Engineering)

Time: 3 hours   **Max. Marks: 75**

Answer any FIVE Questions
ONE Question from Each unit
All Questions Carry Equal Marks
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UNIT I

1 a) Explain the drawback of water fall model. Also discuss spiral model with its merits and demerits   [7]

   b) Explain how software process improvement will reduce its cost   [8]

(OR)

2   Justify how the peer inspection is the key aspects of a quality system with an example.   [15]

UNIT II

3 a) Define Artifact? Write short notes on Engineering Artifacts.   [7]

   b) List and explain the principles of conventional software engineering [8]

(OR)

4   Write engineering artifacts available at the life-cycle architecture milestone [15]

UNIT III

5   Describe in detail about seven top-level workflows with an example   [15]

(OR)

6   Explain the concept of typical sequence of life cycle check points in detail [15]

UNIT IV

7   Explain the evolution of planning fidelity in the WBS over the life cycle. [15]

(OR)

8   With an example explain in detail about the pragmatic planning?   [15]

UNIT V

9 a) What is PERT? Describe PERT stages with suitable example   [7]

   b) Write down short notes on basic characteristics of good metrics.   [8]

(OR)

10 a) Describe in detail about the Monte Carlo simulation with neat diagram [7]

    b) Describe the building blocks of project automation?   [8]

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