Code No.: CS623PE

R20

H.T.No. [8 R   ]

CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
III–B.TECH–II–Semester End Examinations (Regular) - May- 2023
SOFTWARE PROJECT MANAGEMENT
(CSE)

[Time: 3 Hours]

[Max. Marks: 70]

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART-A   (20 Marks)

1. a) How to improve team effectiveness?   [2M]
   b) Define peer inspections.   [2M]
   c) How do you evaluate the completion of each of the four phases in software life cycle? [2M]
   d) What are the essential activities in elaboration phases?   [2M]
   e) How an operational artifact of a management set differs from planning artifacts?   [2M]
   f) What does each of the views address in the software architecture?   [2M]
   g) Define periodic status assessment.   [2M]
   h) What is the need of status assessment in software life cycle?   [2M]
   i) Many automation tools are available for software development process'. Support your   [2M]
      answer.
   j) What are the four component teams in a default project organization and their   [2M]
      responsibility?

PART-B   (50 Marks)

2. Explain the waterfall model. What are the necessary improvements for this model?   [10M]

OR

3. Discuss the evolution of software economics.   [10M]

4. List and explain the principles of conventional software engineering.   [10M]

OR

5. Explain the primary objectives of the four phases of software life-cycle.   [10M]

6. Discuss in detail about the various engineering artifacts in software project   [10M]
   management.

OR

7. Explain the significance of software architecture in modern software development   [10M]
   process.

8. Discuss briefly about the major milestones in software life cycle.   [10M]

OR

9. How are the checkpoints or decided? Explain with an example.   [10M]

10. Discuss the evolution of software project team over the software life cycle.   [10M]

OR

11. What are the steps in identifying project roles? Name any five project roles and the   [10M]
    skills needed for them.

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