R15

Code No: 824AG

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA IV Semester Examinations, August - 2017
SOFTWARE PROCESS AND PROJECT MANAGEMENT

Time: 3hrs   Max.Marks:75

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 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

5 × 5 Marks = 25

1.a) What are the five basic parameters to abstract software cost models?   [5]
  b) What is microprocess? Briefly explain its attributes.   [5]
  c) Explain inception phase of life-cycle process.   [5]
  d) What are minor milestones in the life cycle of an iteration?   [5]
  e) List out the priorities for tailoring the process framework.   [5]

PART - B

5 × 10 Marks = 50

2.   Explain how return on investment profile can be achieved in subsequent efforts
      across life cycles of various domains.   [10]

                                      OR

3.   Discuss about pragmatic software cost estimation.   [10]

4.   List and explain some of the strategies for improving team effectiveness.   [10]

                                      OR

5.   How do you improve the overall software quality? Explain in detail.   [10]

6.   Distinguish between engineering and production stages of life-cycle process. [10]

                                      OR

7.   What are artifact sets? List and explain them.   [10]

8.   What are work breakdown structures? Discuss various issues of conventional
      work breakdown structures.   [10]

                                      OR

9.   Explain line-of-business organizations.   [10]

10.   List out top 10 software management principles.   [10]

                                      OR

11.   What are software management best practices? Explain them in detail.   [10]

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