

Code No: 5158G

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M. Tech I Semester Examinations, October - 2015

SOFTWARE PROCESS AND PROJECT MANAGEMENT

(Computer Science and Engineering)

Time: 3hrs

Max.Marks:60

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 8 marks and may have a, b, c as sub questions.

PART - A

5 × 4 Marks = 20

- 1.a) Briefly explain the 'Defined Process'. [4]
- b) Write short notes on Elaboration phase. [4]
- c) What is meant by periodic status assessments? [4]
- d) What are Management indicators? [4]
- e) Write short notes on Modern project profiles. [4]

PART - B

5 × 8 Marks = 40

2. Explain process maturity levels with neat diagram. [8]
- OR
3. Explain Assessment process in Software Process Assessment. [8]
4. Discuss about Model based software architectures in Management perspective. [8]
- OR
5. What is meant by software economics? Discuss in detail improving software economics. [8]
6. Explain iteration planning process and pragmatic planning. [8]
- OR
7. Discuss about typical minor milestones in the life cycle of an iteration. [8]
8. What is meant by process automation? Discuss about automation building blocks. [8]
- OR
9. Explain seven core metrics related to project control. [8]
10. Mention and explain about future software Project management. [8]
- OR
11. Explain about Modern Process transitions. [8]

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