Code No: 117HP

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech IV Year I Semester Examinations, November/December - 2017
SOFTWARE PROJECT MANAGEMENT
(Common to CSE, IT)

Time: 3 Hours   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
(25 Marks)

1.a)	What is meant by late risk resolution?	[2]
b)	Explain about requirements driven functional decomposition.	[3]
c)	Discuss the advantages of commercial components.	[2]
d)	What is meant by round trip engineering?	[3]
e)	What the phases of the life-cycle process? Explain.	[2]
f)	Write brief notes on construction phase.	[3]
g)	Discuss about initial operational capability milestone.	[2]
h)	Write brief notes on major milestones.	[3]
i)	What are the basic parameters of an earned value system?	[2]
j)	Write brief notes on metrics automation.	[3]

PART – B
(50 Marks)

2. Explain the waterfall model in large-scale system approach. Discuss five necessary improvements for this. [10]

OR

3. Explain the progress profile of conventional software project. [10]

4. What are the key practices that improve over all software quality? Explain them. [10]

OR

5. Explain the top five principles of modern process. [10]

6. Describe the primary objectives, essential activities and primary evaluation criteria of elaboration phase. [10]

OR

7. What is meant by artifact sets? Discuss about the engineering sets. [10]

8. Explain the conventional WBS issues and evolution of planning fidelity in the WBS over the life cycle. [10]

OR

9. With a neat diagram explain the default roles in a software line of business organization. [10]

10. Explain about seven core metrics. [10]

OR

11. Discuss in detail about life cycle expectations. [10]

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