R13

B.Tech III Year II Semester (R13) Regular & Supplementary Examinations May/June 2017
SOFTWARE PROJECT MANAGEMENT
(Information Technology)

Time: 3 hours

Max. Marks: 70

PART – A
(Compulsory Question)
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1   Answer the following: (10 X 02 = 20 Marks)
   (a)   What is requirement analysis?
   (b)   Write the relationship between the parameters in software cost model.
   (c)   What is meant by team effectiveness?
   (d)   What is meant by risk mitigation?
   (e)   What is the necessity of artifact sets?
   (f)   What are checkpoints of the process?
   (g)   Define earned value analysis.
   (h)   Define project environment.
   (i)   What is meant by configuration baseline?
   (j)   Define stakeholder environment.

PART – B
(Answer all five units, 5 X 10 = 50 Marks)

UNIT – I

2   List and explain reasons why conventional software management does not perform satisfactorily.

OR

3   What are the five parameters related to software cost model? What is the relationship between these parameters?

UNIT – II

4   Explain how to reduce the software product size (or) complexity.

OR

5   Explain about transitioning to iterative process.

UNIT – III

6   What are the primary objectives of the four phases of software life cycle? Discuss about them.

OR

7   Explain about pragmatic artifacts.

UNIT – IV

8   Briefly explain about iteration workflows.

OR

9   What are the sources of change? Why should change be made in a controlled way?

UNIT – V

10   Explain about quality and management indicators.

OR

11   Describe about the SEI-CMM maturity levels of organizations. How do processes differ because of process flexibility and process maturity?

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