

7E 4237

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B.Tech. VII Semester (Main/Back) Examination - 2014
Computer Engg.
7CSI Software Project Management
(Common to CS & IT)

Time : 3 Hours

Maximum Marks : 80
Min. Passing Marks : 24

Instructions to Candidates :

Attempt any five questions, selecting one question from each unit. All questions carry equal marks. (Schematic diagrams must be shown wherever necessary. Any data you feel missing suitably be assumed and stated clearly. Units of quantities used/calculated must be stated clearly.)

Unit - I

1. a) Define a project? What are the different stages of project. (8)
 b) Define the management spectrum in the following term:
 i) People
 ii) Process
 iii) Product
 iv) Project (8)

OR

1. a) What is W⁵HH Principle? Define its importance. (8)
 b) What are the relation between the Metrics, Measurements and models. Explain in brief. (8)

Unit - II

2. a) Explain various empirical estimation Models. (8)
 b) Discuss the principle underlying effective cost estimation. (8)

OR

2. a) Differentiate between the COCOMO - I and COCOMO - II model (8)
 b) What are the project planning objectives? How can they be achieved? (8)

Unit - III

3. a) Discuss the project scheduling Techniques and illustrate their advantages and disadvantages (8)
 b) What is a use of tasks set and tasks network? Explain with Example. (8)

3. a) Describe the reactive Vs proactive risk strategies in detail. (8)
b) Discuss the Quality concept. What are the different approaches to achieve the quality Goals. (8)

Unit - IV

4. a) What is SQA? Define Goals of SQA. (8)
b) Define the Defect Amplification model with diagram. (8)

OR

4. a) What is SCM? Explain its need. (8)
b) Explain configuration management for web Engineering (8)

Unit - V

5. a) Discuss different steps in project review process (8)
b) What is NAH syndrome? How can organization overcome from the NAH syndrome. (8)

OR

5. a) What is project tracking? Illustrate different project tracking techniques in detail. (8)
b) Write short notes on
i) Risk Related monitoring
ii) Project Closure analysis (4×2=8)
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