

Total No. of Questions : 12]

SEAT No. :

P3218

OCT - NOV - 17

[Total No. of Pages : 2

[5256]-503

T. Y. M. C. A. (Engineering) (Semester - V)

SOFTWARE ENGINEERING

(2013 Pattern)

Time : 3 Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) All questions are compulsory.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right indicate full marks.

- Q1) a) Explain the concept of Extreme programming? What is its importance? [4]
b) Explain architecture Design elements in detail. [4]

OR

- Q2) a) What are the major tasks conducted as part of Clean room software engineering? [4]
b) Explain all levels of CMMI. [4]

- Q3) a) Explain Risk monitoring, Risk mitigation & Risk management plan. [6]
b) What is Work break down structure? [2]

OR

- Q4) a) What is the goal of requirement analysis? Explain in detail. [6]
b) Explain Gantt charts used for project planning. [2]

- Q5) a) Explain in detail WebApps testing. [5]
b) Explain Software project Management in detail. [4]

OR

- Q6) a) What are the elements of a configuration management system? What is the importance of baselines? [5]
b) What are the various project constraints in Project Management? [4]

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- Q7) a)** Explain Dependability properties in detail. [4]
b) Explain the Life cycle of Risk assessment. [4]

OR

- Q8) a)** Explain Safety specifications in detail. [4]
b) Explain Web Service Security specification in Detail. [4]

- Q9) a)** Explain Software As A Service (SAAS). [5]
b) Explain the architecture patterns for distributed Systems. [4]

OR

- Q10)a)** Explain Service Oriented Architecture (SOA) in detail. [5]
b) Explain client-server computing with a suitable example. [4]

- Q11)a)** Explain component level design metrics in detail. [4]
b) Explain Software standard specifications in detail. [4]

OR

- Q12)a)** Explain Class oriented metrics with a suitable example. [4]
b) What is software quality? What are the factors affecting software quality? [4]

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