

ix. What do you mean by 'Software Reuse'? Why is it useful?

Q.3

A Explain waterfall model for software development with merits and demerits. [6]

B List desired characteristics of software process. Explain any two of them. [6]

OR

B Explain - various challenges for Software Engineering. [6]

Q.4

A Explain the structure of SRS prescribed by IEEE. [6]

B Discuss Risk Management of a software project planning. [6]

OR

B Explain (i) Q&P and (ii) V&V [6]

Q.5

A What is UML? Explain (i) class diagram and (ii) sequence diagram by giving suitable examples. [6]

B Explain the steps of methodology for producing structured design. [6]

OR

B Write a note on coupling. [6]

Q.6

A What is coding process? Explain TDD [6]

B Explain the terms (i) Error (ii) Fault and (iii) Failure by giving suitable examples of each. [6]

OR

B What do you mean by "Test Case"? Explain levels of testing. [6]

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