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Paper Code: TCS-602

End Semester (Back Paper) Examination, 2018-19

3rd Semester

Subject Name: Software Engineering

Time: 3 Hours   MM: 100

Q1. Attempt any two questions.

a. Define the term SDLC? Why is it important to adhere to a life cycle model while

developing a large software product?   [10]

b. Explain the spiral model of software development. Sketch a neat diagram of spiral

model.   [10]

c. Differentiate between Incremental model and Iterative model.   [10]

Q2. Attempt any two questions .

a) Discuss any 5 principles of Agile Software Development Model.   [10]

b) "A good software design has least degree of coupling and high degree of cohesion".

Elaborate the statement and draw out the differences between Cohesion and Coupling.

                                                                [10]

c) Differentiate between Functional and Non-Functional Requirements.   [10]

Q3. Attempt any two questions

a) Explain Data Coupling,Control Coupling and Content Coupling with help of an example.

                                                                [10]

b) Discuss about the goals of Software Design process.   [10]

c) Explain any one.   [10]