

Time: 3 Hours



Marks: 80

- Note: 1. Question No. 1 is compulsory  
2. Attempt any Three Questions Out of remaining five questions.  
3. Draw neat diagrams wherever necessary.

- Q1. Solve any Four 20  
a. Explain the CMM model  
b. Explain the Requirements model.  
c. Explain the LOC.  
d. What are the design principles.  
e. Explain the software testing process.  
f. Discuss the different level of DFD.
- Q2. A. Explain Risk and its types? Explain the steps involved in setting up or generating RMMM plan. 10  
B. Explain the Spiral model of software development. 10
- Q3. A. Explain the general format of SRS. 10  
B. Explain the FP Estimation techniques in details. 10
- Q4. A. Explain cohesion and Coupling. Explain different types with detailed example. 10  
B. Explain the different techniques in white box testing. 10
- Q5. A. Explain steps in version and change control. 10  
B. Explain software reverse engineering in detail. 10
- Q6. Solve any Four 20  
a. Compare FTR and Walkthrough  
b. What are the different types of maintenance?  
c. What are the design Principles.  
d. Explain the tracking and scheduling.  
e. Explain the Scenario based model.  
f. Compare Scrum and Kanban

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