

(3 Hours)

Max. Marks: 80

Note: 1. Q.1 Compulsory

2. Solve Any 3 question form remaining questions

- Q1. a) Define software engineering and explain umbrella activities 5
b) Difference between white box and black box testing 5
c) Explain functional and non-functional requirements 5
d) Explain the golden rules for interface design 5
- Q2 a) Elaborate COCOMO model for Cost estimation
b) Illustrate the SCM process
- Q3. a) Describe the waterfall model and evolutionary process model 10
b) What is Risk management? Discuss Common sources of risk in IT projects? 10
- Q4.A) What are the different phases in project life cycle with suitable example 10
b) What are the Agile Methodologies? Explain any of them 10
- Q5. a) Develop the SRS of University Management system 10
b) Describe the details of FTR and Walkthrough 10
- Q6. a) Explain project scheduling and describe CPM and PERT 10
b) Explain software reverse engineering in details 10
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