

Time: 3 Hours

Max. Marks: 80

- N.B. (1) Question one is Compulsory.  
 (2) Attempt any 3 questions out of the remaining.  
 (3) Assume suitable data if required.

OP-10065726

- Q. 1 Solve any Four out of the following (5 marks each) 20
- Explain the CMM model.
  - Explain the Requirements model.
  - Explain the LOC.
  - Different between Alpha and Beta testing
  - Discuss the different level of DFD.
- Q.2 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
- Q. 3 a) Explain the general format of SRS for Hospital Management system. 10
- b) Explain the FP Estimation techniques in details. 10
- Q. 4 a) Explain cohesion and Coupling. Explain different types with detailed example. 10
- b) Explain the different techniques in white box testing. 10
- Q. 5 a) Explain steps in version and change control. 10
- b) Explain software Re- engineering in detail. 10
- Q. 6 Solve any Four 20
- Compare FTR and Walkthrough
  - What are the different types of maintenance?
  - Explain the tracking and scheduling.
  - Explain the Use Case Diagram.
  - Different between White box and Block box Testing.