TC/SemⅤ/ comp-csE/Nov-24/13.11.24

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.

Q. 1 Solve any Four out of the following (5 marks each)   20

  a. Explain the CMM model.

  b. Explain the Requirements model.

  c. Explain the LOC.

  d. Different between Alpha and Beta testing

  e. 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

    a. Compare FTR and Walkthrough
    b. What are the different types of maintenance?
    c. Explain the tracking and scheduling.
    d. Explain the Use Case Diagram.
    e. Different between White box and Block box Testing.

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