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   20M

   a. Explain the Software Process Framework.

   b. Explain the Waterfall model.

   c. Explain the Functional requirements.

   d. Explain 3Ps in software project spectrum.

   e. Explain the software testing process.

Q2 a. Explain SQA and its types?   10 M

   b. Explain the Agile process model of software development   10 M

Q. 3 a) Explain the any five characteristics of SRS   10M

   b) Explain the COCOMO model.   10M

Q. 4 a) Explain Coupling. Explain different types with detailed example.   10M

   b)   Explain the principles of software testing.   10 M

Q. 5 a) Explain requirement model.   10M

   b) Explain software Re-engineering   .   10M

Q. 6 Solve **any Four**   20M

      a. Explain the XP.

      b. Explain the development of use case.

      c. Different between Alpha and Beta Testing.

      d. What is SCM?

      e. Explain the Six Sigma for software Engin

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