① - 2

Duration: 2 $^{1/2}$Hrs   **H46A23SE**   **Marks:- 75**

Note:- 1) All questions are compulsory.
         2) Figures to the right indicate maximum marks.

Q1. Attempt any "Four" of the following : (5x4)   **(20)**
1. What is meant by concurrent development model?. (CO1-R)
2. Define legacy software? . (CO1 - R)
3. What is agility? Explain XP in detail. (CO1-R)
4. What is SRS? Explain need & benefits of SRS. (CO1-R)
5. What is risk management? Explain the different stages involved in risk management. (CO1-R)
6. What is the technical feasibility study?. (CO1-R)

Q2. Attempt any "Four" of the following : (5x4)   **(20)**
1. Explain software user interface design. (CO3-R)
2. State the disadvantage of LOC. How is it different from COCOMO? (CO3-R)
3. Write the scope of software metrics? (CO1-R)
4. Explain software design specification? (CO1-U)
5. Explain project scheduling. (CO1-U)
6. Explain empirical estimation model. (CO1-U)

Q3. Attempt any "FOUR" of the following: (5x4)   **(20)**
1. Explain capability maturity model. (CO1-U)
2. What is structural testing? Write its advantages & disadvantages. (CO1-R)
3. What is Quality Assurance? What are Quality Assurance Criteria? (CO1-R)
4. What is Risk Management? Explain Software Risk Management Process. (CO2-R)
5. What are the Errors found while doing Black Box Testing? (CO1-R)
6. Define Test Case, Test Oracle, Test Plan. (CO1-R)

Q4. Answer the following : (any five)   **(15)**
1. State all & write down a short note on any 3 fact finding techniques. (CO1 –R)
2. What is coupling & cohesion. (CO1-R)
3. Explain Verification & Validation. (CO1-U)
4. What is Cyclomatic Complexity ? Explain with an example. (CO2-R)
5. What is an Elicitation? Discuss the problems that are encountered during elicitation. (CO1-R)
6. Define & Explain ISO Quality. (CO3-R)