



**Q-2 Tick (TRUE or FALSE) and Fill in the blanks.**

**08**

- 1) Spiral is the simplest and most widely used software development model. [TRUE/FALSE]
- 2) A high quality SRS reduces the development quality. [TRUE/FALSE]
- 3) In functional abstraction the module considered as White box for detail design. [TRUE/FALSE]
- 4) The single-entry, single-exit constructs are also called control constructs. [TRUE/FALSE]
- 5) \_\_\_\_\_ model reduces the first two limitations of Waterfall model.
- 6) SQAP means \_\_\_\_\_.
- 7) Number of subordinates associated with given module is known as \_\_\_\_\_.
- 8) Comments for a module are often called \_\_\_\_\_ for the module.

**Q-3 Give short answers of the following questions: (ANY TEN)**

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- 1) What is requirement analysis?
- 2) What are the limitations of Waterfall model?
- 3) List characteristics of software process.
- 4) "A high quality SRS is prerequisite to high quality software." Justify.
- 5) Explain Partitioning.
- 6) What do you mean by "Automated Cross Referencing".
- 7) Define: Coupling and Cohesion.
- 8) Differentiate between System design and Detailed design
- 9) Differentiate between Top-down and Bottom-up approaches.
- 10) Write the goal of coding.
- 11) What do you mean by information hiding?
- 12) Write at least 2 differences between fictional and structural testing.

**Q-4 Give Long answers of the following questions: (ANY FOUR)**

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- 1) Explain Spiral model.
- 2) Explain Coding and testing phases of software development.
- 3) What is SRS? Explain general characteristics of SRS.
- 4) Explain COCOMO Model.
- 5) Write a short note on Cohesion.
- 6) Write a short note on Coupling.
- 7) Explain the Top-Down and Bottom-Up approach in testing phase.
- 8) What is testing? Explain levels of testing using diagram.

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