



- Q2. Answer the following questions (Any Seven):** [14]
- a. Discuss benefits of using Timeboxing model.
  - b. List all four activities of requirement engineering process.
  - c. List ANY FOUR characteristics of SRS document.
  - d. Discuss Role of System Analyst in brief.
  - e. Define the terms: (i) Project and (ii) Project Management
  - f. List various duties performed by project manager. (ANY FOUR)
  - g. List various components of DFD.
  - h. Explain Test Driven Development (TDD) in brief.
  - i. Explain Black Box testing in brief.

- Q3. Answer the following questions:**
- a. Explain the waterfall model with its limitations in detail. [6]
  - b. Discuss need of SRS in detail. [6]

**OR**

- b. Explain the iterative development process model in detail. [6]

- Q4. Answer the following questions:**
- a. Write a short note on project management process. [6]
  - b. Explain risk management process in detail. [6]

**OR**

- b. Discuss COCOMO model taking suitable examples. [6]

- Q5. Answer the following questions:**
- a. List and explain various design principles of function oriented concepts. [6]
  - b. Explain various symbols and guidelines for drawing Use Case diagrams taking suitable examples. [6]

**OR**

- b. Discuss how to draw Activity diagram in UML taking suitable example. [6]

- Q6. Answer the following questions:**
- a. List various types of common coding errors. Explain ANY FIVE in one or two lines. [6]
  - b. List various types of software maintenance. Explain all of them in detail. [6]

**OR**

- b. Write a short note on software Re-engineering. [6]

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