

- Q.24 Write a note on
- a) Testing and its types
  - b) SCM

Q.25 Discuss project size estimation techniques with examples.

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**6th Sem / Computer , Computer ( For Speech  
and Hearing Impaired)**

**Subject : Software Engg.**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Which of the following is not a type of system?
- a) Physical
  - b) Manual
  - c) Abstract
  - d) Dynamic
- Q.2 Software Engineering focuses on:
- a) Hardware design
  - b) Artistic design
  - c) Systematic software development
  - d) None of the above
- Q.3 Which testing method examines internal code logic?
- a) White-box
  - b) Black-box
  - c) System
  - d) Recovery

Q.4 Which one is not a coupling type?

- a) Content                      b) Control
- c) Functional                  d) External

Q.5 An SRS document defines:

- a) Design                        b) Architecture
- c) Test cases                  d) Requirements

Q.6 Modularity in software leads to:

- a) Increased coupling    b) Decreased cohesion
- c) better maintainability    d) Complex design

### SECTION-B

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Name two software life cycle models.

Q.8 Describe coupling.

Q.9 List any one software design approach.

Q.10 Write any two testing techniques.

Q.11 Write the full form of SCM.

Q.12 What is Encapsulation?

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### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Explain the difference between open and closed systems.

Q.14 What is cohesion. Describe its types.

Q.15 Explain the steps involved in requirement gathering.

Q.16 Write any four advantages of using SRS.

Q.17 Differentiate between control flow and data - oriented design.

Q.18 Define black-box testing and explain its advantages.

Q.19 Write down the difference between software validation and verification.

Q.20 Explain Project Scheduling.

Q.21 Write a short note on Data Flow Diagram.

Q.22 Define Documentation. What is the role of documentation in software Development?

### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Explain various software development models. Differentiate between any two.

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