

2. (a) Explain different Software Design principles. **(10)**

(b) Discuss briefly Cohesion and Coupling with example. **(10)**

3. (a) What is a Testing Process ? Explain the various activities involved in Testing Process. **(10)**

(b) What is Coding ? Explain characteristics of Coding. **(10)**

4. (a) What is Software Quality Assurance ? Discuss Software Quality Assurance plan activities. **(10)**

(b) List down the various activities involved in a good test plan. **(10)**

5. (a) What are CASE Tools ? Discuss the characteristics and merits of CASE Tools. **(10)**

3 (b) Explain the concept of Reverse Engineering in Software Engineering. **(10)**

6. Write Short notes on any two :

(i) Software Maintenance.

(ii) Alpha & Beta Testing.

(iii) Capability Maturity Model [CMM].

(10 × 2)