



- 3 (a) Attempt the following : (Any Two) 6
- (1) Explain top down and bottom up approaches for coding.
  - (2) Define black box testing with its advantages.
  - (3) What is structure programming ?
- (b) Answer the following questions : (Any Two) 12
- (1) Discuss about alpha, beta and gamma testing in detail.
  - (2) Explain test case, suites, scripts and scenarios in detail.
  - (3) Write short note on Information Hiding and programming style.
- 4 (a) Define following terms : 5
- (1) Project Management
  - (2) ISO-9000.
  - (3) Software Reverse Engineering.
  - (4) SCM
  - (5) CASE.
- (b) Answer the following questions : (Any Two) 12
- (1) Describe COCOMO Model in detail.
  - (2) What do you mean by Risk ? Explain software risk with risk management and schedule estimation.
  - (3) What is CMM ? Discuss CMM in detail.
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