

OCTOBER 2012

P/ID 17415/RBS

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) Write the scope of Software Engineering.
Or
(b) Give a note on Software Metrics.
2. (a) How will you model the system Architecture?
Or
(b) Give short notes on Software Requirement analysis.
3. (a) Describe the Object-oriented design with diagram.
Or
(b) Write about Real-Time System Design.
4. (a) Write about the characteristics of programming languages.
Or
(b) Give a note on Software Quality Assurance.

5. (a) Write down the characteristics of software Maintenance.

Or

- (b) Describe the software Project management.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Write short notes on:
(a) Software Myths
(b) Software Engineering paradigms
7. What are the desirable properties that a software requirement specification should Process? Explain.
8. Explain Data Structure oriented methods.
9. Describe the Data Flow oriented design with diagram.
10. Discuss on:
(a) Coding Style.
(b) Coding Efficiency.
11. Define Unit testing and explain the four categories of tests that a programmer will typically perform on a program unit.
12. Discuss on Software Configuration units.
13. Describe the Integrated CASE Environments.