

MAY 2015

P/ID 17455/RCE/PCAJ

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) Discuss spiral model.

Or

(b) Write short notes on metrics for software quality.

2. (a) Explain the two main approaches to the identification of risks.

Or

(b) Explain the concepts of project scheduling.

3. (a) Explain the principles of analysis.

Or

(b) Write short notes on software specification.

4. (a) Explain the mechanics for structured analysis.

Or

(b) Write short notes on data modeling.

5. (a) Write down the software testability.

Or

- (b) Write short notes on white box testing.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Describe the phases of a software project life cycle.
7. Explain about the concepts of project management.
8. Write a detailed note on software quality assurance.
9. Explain in detail about requirements engineering.
10. Explain about software configuration management.
11. Discuss in detail about the fundamental design concepts.
12. Explain about the strategic approaches to software testing.
13. Discuss on black-box testing.

2 P/ID 17455/RCE/PCAJ