

MAY 2016

**P/ID 17455/RCE/PCAJ**

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Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) What are the integrated metrics of software engineering process? Explain them.

Or

- (b) Discuss on the characteristics of a project.

2. (a) How to identify risks? Discuss.

Or

- (b) Write about the Relationship between People and Effort in project scheduling and tracking.

3. (a) How will you define System engineering hierarchy? Explain.

Or

- (b) Describe the need of data dictionary.

4. (a) Explain the concept of Design documentation.

Or

- (b) What are the principles of design? Give a note.

5. (a) Write short notes on Validation testing.

Or

- (b) Discuss on control structure testing.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Explain Software Process models.
7. Discuss on software quality concepts.
8. What are the requirement elicitation for software? Explain.
9. Describe the Data modeling concepts.
10. How to structure a program during design level? Explain.
11. Discuss on the mechanics of software structure analysis.
12. Describe the process of Data designing and Architectural style.
13. Explain basis Path testing.

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