

MAY 2013

**P/ID 17469/
RCW/PCAT**

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

All questions carry equal marks.

1. (a) Discuss in detail about Rapid Application Development (RAD).

Or

- (b) Discuss use case diagram.

2. (a) Discuss about component diagram and Deployment diagram.

Or

- (b) Explain about Naming classes.

3. (a) Define

- (i) Association
- (ii) Super sub structure
- (iii) Aggregation and a-part-of structures.

Or

- (b) What is strong mapping?

4. (a) Discuss in detail about Object Constraint language.

Or

- (b) Explain UI design rule 3 in micro-level process.

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

Or

- (b) Briefly explain about debugging principles.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

All questions carry equal marks.

6. Explain in detail about UML class diagram.
7. Explain in detail about common class patterns approach.
8. Discuss about classes, responsibilities and collaborators.

9. Explain about
 - (a) Attribute Types. (5)
 - (b) UML Attribute presentation. (5)
 10. Explain in detail about class visibility.
 11. (a) Mention the types of methods in a class. (5)
 - (b) Discuss in detail about Object Responsibility. (5)
 12. Describe the Integration testing.
 13. Explain the guidelines for designing application windows.
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