

OCTOBER 2012 **P/ID/16103/KAC/PITE**

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) Write the characteristics of system development.

Or

- (b) What is meant by system reuse? Explain.

2. (a) Explain the object oriented model architecture.

Or

- (b) What is modularization? Explain the design model.

3. (a) Discuss the fundamental issues of real time system.

Or

- (b) State the database specialization and ODBMS.

4. (a) Explain unit testing and integration testing.

Or

- (b) Write the issues and guidelines for project management.

5. (a) Explain the issues on construction of warehouse management scheme.

Or

- (b) Describe OOD/Booch model.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Describe various activities of system life cycle.
7. Explain object oriented software engineering.
8. Compare various implementation models and how they got selected.
9. Describe real time system specification and their classification.
10. Explain the uses of RDBMs and ODBMs in case of testing.
11. Discuss how Software Quality Assurance (SQA) is assured. Explain.

2 P/ID/16103/KAC/PITE

12. What is SRS document? How the document is prepared for a typical system? Illustrate.
 13. Write short notes on :
 - (a) HOOD and OMT.
 - (b) Component management.
-