

OCTOBER 2011

**P/ID 16103/  
KAC/PITE**

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Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL the questions.

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

Or

- (b) Discuss on polymorphism and inheritance.

2. (a) Explain the system model and architecture.

Or

- (b) How the requirement model is prepared and used?

3. (a) Discuss the classification of real time systems.

Or

- (b) What are the characteristics of OODBMS?

4. (a) Describe the components and on integration testing.

Or

- (b) Explain the responsibilities of product development organization.

5. (a) Write briefly on the requirements of telecommunication switching system.

Or

- (b) Explain hierarchical object oriented design and compare with conventional designs.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Explain the concept of system development and reuse.
7. Describe the object oriented construction and testing.
8. Write elaborately on object oriented programming.
9. Discuss the design model and the use of DBMS.
10. What are the major issues in managing object oriented software engineering? Describe.

11. Discuss how project staff are estimated and recruited for a software development.
12. Explain software quality assurance and software metrics.
13. Write short notes on :
  - (a) Requirements of warehouse management system.
  - (b) OOD/Booch model.