

MCA-759

**MCA-09/
PGDCA-07**

**M.C.A. DEGREE/P.G.D.C.A. EXAMINATION –
JUNE 2010.**

First Year

C++ AND OBJECT ORIENTED PROGRAMMING

Time : 3 hours

Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Explain the principles of structure of a procedural language.
2. Write about basic concepts of OOP.
3. Explain in detail about applications of OOP.
4. Write about salient features of C++.
5. Explain with example about polymorphism.
6. Explain about concept of function overloading.
7. Explain about memory allocation for object and classes.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Explain briefly about uses of functions.
 9. Explain about public and private inheritance.
 10. Describe about memory management in pointers.
 11. Explain in detail about pointer and strings.
 12. Write in detail about C++ streams.
 13. Explain about use of stream class in detail.
 14. Explain about hierarchy of stream class.
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