

MAY 2011

P/ID 17417/RTC

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

All questions carry equal marks.

1. (a) Give a note on OOPS and its features.

Or

(b) Describe the benefits of OOPS.

2. (a) Write about inline function.

Or

(b) Describe tokens. Write short note on keywords.

3. (a) Explain destructors with example.

Or

(b) What is a class? How will you specify a class?

4. (a) Explain all the visibility modifiers in C++.

Or

(b) Write about virtual function and its any three basic rules.

5. (a) Write about how to open and close a file in C++.

Or

- (b) Describe function template.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

All questions carry equal marks.

6. Elucidate the basic concepts of OOPS.
7. Explain expressions and its type with example.
8. Write short notes on :
- (a) call by reference
- (b) return by reference.
9. Explain constructor and its types.
10. Illustrate the concept of inheritance and its various types.
11. Elucidate the polymorphism and its two types.
12. Describe command line arguments with example.
13. Elucidate the exception handling mechanism in C++.