MAY 2014

P/ID 17459/RCJ/ PCAH

Time : Three hours   Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1.   (a) Write notes on friend class.

Or

(b) Discuss on static member function.

2.   (a) Discuss on "this" pointer.

Or

(b) Explain pointers to objects with example program.

3.   (a) What is pure virtual function? Explain.

Or

(b) Explain how to overload the comma operator.

4.   (a) Write notes on Generic functions.

Or

(b) Discuss on terminate ( ) and unexpected ( ) functions.

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

Or

(b) Discuss on put ( ) and get ( ) functions.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. What is Object Oriented Programming? Explain.

7. Explain Constructors and Destructors with examples.

8. Briefly explain Dynamic allocation operators.

9. Write notes on function overloading and ambiguity.

10. Explain how to overload ++ and – – operators using a friend function.

11. With example explain how to create a member operator function.

12. Explain Exception handling with example program.

13. Write brief notes on Standard Template Library.

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