OCTOBER 2012   **P/ID 17417/RTC**

Time : Three hours   Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1.   (a)   List down any five principles advantages of oops.

Or

(b)   Explain the characteristics oops languages.

2.   (a)   Explain Type cast operator.

Or

(b)   Write short notes on manipulators.

3.   (a)   Explain the constructors with Default arguments.

Or

(b)   Write short notes on Dynamic constructor.

4.   (a)   Write short notes on this POINTER.

Or

(b)   Write down any five Rules for virtual functions.

5.   (a)   Explain   Error   handling   during   file operations.

                     Or

     (b)   Write short notes on file mode parameters.

          PART B — (5 × 10 = 50 marks)

          Answer any FIVE questions.

6.   Explain the basic concepts of object oriented programming.

7.   Discuss the function overloading with an example program.

8.   Write short notes on :

     (a)   Conversion from basic type to class type.

     (b)   Conversion from class type to basic type.

9.   Explain the formatted console I/O operations.

10. Discuss on INLINE function with an example program.

11. Explain multiple constructor in a class with an example program.

12. Discuss Member function template with an example program.

13. Explain the Exception Handling code with an example program.

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