

MAY 2015

**P/ID 17459/
RCJ/PCAH**

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) Discuss on Inline function.

Or

(b) Write notes on passing objects to function.

2. (a) Explain copy constructors.

Or

(b) Discuss on pointers to class members.

3. (a) Discuss on operator overloading using a friend function.

Or

(b) Write notes on overloading new and delete operator.

4. (a) Discuss on overloading a function template.

Or

- (b) Write note on multiple catch statement.

5. (a) Write notes on opening and closing a file.

Or

- (b) Explain C++ stream classes.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Write briefly notes on classes.
7. Explain friend function with example program.
8. Explain function overloading with example.
9. Explain virtual functions.
10. With example explain how to overload special operators.
11. Discuss on Generic classes.
12. Discuss on Exception handling options.
13. Explain how to read and write text files.