

M.Sc. DEGREE EXAMINATION, May 2015

(INFORMATION TECHNOLOGY)

(FIRST SEMESTER)

131: OBJECT ORIENTED PROGRAMMING

Time: Three hours

Maximum: 100 marks

SECTION-A

(8×5=40)

Answer any EIGHT questions

1. Explain in line function and its use with an example.
2. What is destructor? Explain with an example.
3. Explain the use of new and delete operators with examples.
4. Explain the method of declaring array of objects with its coding.
5. What is copy constructor? Explain with an example
6. Briefly explain the method of overloading a relational operator.
7. Explain the I/O manipulators in C++.
8. What are the basic class access controls? Explain.
9. Explain the unformatted I/O functions in C++.
10. Write a C++ program to read and display the content of a text file.

SECTION-B

(3×20=60)

Answer any THREE questions

11. Explain the difference between C and C++ with example programs.
12. Discuss the methods of returning objects from function with an example C++ program.
13. Explain unary operator overloading with an example C++ program.
14. Discuss the types of inheritance with examples.
15. Explain the concept and use of virtual function with an example C++ program.
