

HALF YEARLY EXAMINATION, 2020-2021

B.Sc. (Information Technology)- Second Year

Paper- II (Code-0875)

Programming in C++

Time: 03 Hours

Max Marks: 50

Note: - Attempt any 2 questions from each section. Each question has equal marks.

Section –I

1. Write the advantages of object-oriented programming.
2. What are data types? Explain different data types in C++ with example.
3. Explain the use of Input function and output function with example.

Section –II

4. How to declare, define and calling the function? Explain with suitable C++ program.
5. Explain inline function with example.
6. What do you mean by function overloading? Explain with suitable C++ program.

Section –III

7. Explain class and object with example.
8. What is Inheritance? Explain multiple Inheritance with examples.
9. Explain the following:-

(i) Friend Function (ii) Constructor

Section –IV

10. Differentiate while loop and do while loop with example.
11. Explain various types of operators in C++ with example.
12. Explain the following-

(i) Default argument (ii) break & continue statement

Section –V

13. Write a C++ program to print the numbers from 1 to 20 using for loop.
14. Write a C++ program to find out simple interest and compound interest.
15. Write any C++ program using single Inheritance.

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