

9. a. Compare multilevel and multiple inheritances.
(OR)
b. Discuss the benefits of dynamic binding.
10. a. Analyse the advantage of using the exception handling model in C++.
(OR)
b. Differentiate String I/O from Character I/O functions.

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 6 = 30)

11. a. List the benefits and applications of the Object-Oriented Paradigm.
(OR)
b. Discuss the different types of operators in C++.
12. a. Compare and contrast Call by Value and Call by Reference with an example.
(OR)
b. Write a program to add two complex numbers using the object as an argument.
13. a. Evaluate the implementation of parameterised constructors and multiple constructors in a class.
(OR)
b. Create a C++ program to calculate the sum of marks and display the results using the friend function.
14. a. Enumerate the structure of Hybrid Inheritance with an example.
(OR)
b. Differentiate compile time polymorphism and run time polymorphism with suitable examples.
15. a. Differentiate between Generic Functions and Generic Classes with suitable examples.
(OR)
b. Explain the usage of file pointers in C++.

Z-Z-Z END