

APRIL 2021

51331/SU22A

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What is meant by I/O Stream?
2. Define the term: Member function
3. What is Keyword?
4. Write a Syntax of break statement with examples
5. Distinguish between Class and Object
6. List the types of Constructors?
7. What is Inheritance?
8. Define the term-Data Abstraction
9. What is File?
10. How to Open and Close Files
11. Define function prototype
12. What are virtual functions?

SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. List the applications of OOP.
14. What are the special characteristics of constructors? Explain them.
15. Write short notes on: Types of Inheritance.
16. What are virtual functions? Give examples.
17. Describe about function overloading with examples.
18. Write about classes for file stream operations.
19. Discuss: Exception Handling with examples.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Explain about various looping statements in C++
21. Explain about destructors with examples

22. Explain about function prototyping with an example program.
23. Write a C++ Program to illustrate inline functions with examples.
24. Explain about sequential Input and Output operations in C++ with examples.
