

M.Sc. DEGREE EXAMINATION, NOVEMBER 2019
I Year I Semester
Programming in C++

Time : 3 Hours

Max.marks :75

Section A ($10 \times 2 = 20$) Marks

Answer any **TEN** questions

1. What is dynamic binding?
2. List few applications of Object Oriented Programming.
3. What is an identifier?
4. Write the importance of function prototyping.
5. Define Constructor.
6. What is meant by dynamic memory allocation?
7. What is inheritance?
8. What is virtual function?
9. What are command line arguments?
10. List out various file operations.
11. Define friend function.
12. What is Class and Object?

Section B ($5 \times 5 = 25$) Marks

Answer any **FIVE** questions

13. Explain briefly the applications of Object Oriented Programming.
14. Write a note on Control structures.
15. Explain parameterized constructor with suitable example.
16. What is multilevel inheritance? Explain with example.
17. Explain in brief about get() and put() functions.
18. Explain with example various C++ operators.
19. What are manipulators? Give example.

Section C ($3 \times 10 = 30$) Marks

Answer any **THREE** questions

20. Explain in detail the basic concepts of Object Oriented Programming.
21. Explain call by value and call by reference in C++.
22. What is operator overloading? Write a program to overload a binary operator.
23. Explain in detail about runtime polymorphism.
24. What is a stream? Explain stream classes in detail.

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