

Roll.No.

23UCCCT2003

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

B.Com CA - END SEMESTER EXAMINATIONS - NOVEMBER 2025

SEMESTER - II

23UCCCT2003 - Object Oriented Programming using C++

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Define Object Oriented Programming. Explain the main features of OOP paradigm.
2. Write the syntax and example for Function Declaration and Definition in C++.
3. Illustrate the concept of constructor and destructor with an example.
4. Examine the role of Pointers in C++.
5. Write a C++ program that demonstrate the use of for and while loop.
6. Explain polymorphism in C++ with simple example.
7. Give a brief note about operator overloading. Explain with an example.
8. Describe how C++ can be used for Predictive Analysis.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Illustrate the basic concepts of OOPS with necessary theory.
10. Analyze the different types of Operators in C++ through suitable examples.
11. Examine the working of virtual function in C++.
12. Explain briefly about function overloading. Give an example.
13. Discuss the file handling methods to perform file operations in C++.
