

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 - APRIL 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. Give short notes on Object Oriented Paradigm.
2. Write down the features of OOPS Language.
3. What are Expressions? Give short note.
4. Why do we need Manipulators? Show the benefits.
5. Identify the difference between Friend and Virtual Functions in OOPS.
6. Show the Syntax of Function Prototyping with reference.
7. Connect Operator Overloading with Object Oriented Programming Concept.
8. Outline Pointers in OOPS with syntax.

Section C

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

9. Illustrate Object Oriented Models with diagram.
10. Discuss in detail about Control structures in C++ with examples.
11. Discuss the Polymorphism in detail.
12. Paraphrase Constructors and Destructors with syntax.
13. Quote Machine Learning Algorithm for Business Applications.
