

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 - 2024

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. Discuss the basic principles behind the OOPS concept.
2. Demonstrate the concepts of class with an example.
3. Introduce the working procedure of C++.
4. Illustrate the use of Files used in C++ with examples.
5. Demonstrate the Use of Functions with examples.
6. Infer the relationship between class and objects with examples.
7. Show the ways of using polymorphism in C++.
8. How File systems are supported in C++.

Section C

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

9. Prepare a detailed note on the State Model and Interaction Model used in OOPS concept.
10. Explain the various control structures used in C++ with examples.
11. Summarize Friend and Virtual functions with examples in detail.
12. Point out the Features of Type conversion with examples in detail.
13. Abridge the features of Pointers in C++.
