

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.C.A - END SEMESTER EXAMINATIONS APRIL-2023

SEMESTER - II

20UACT2002 - Object Oriented Programming in C++

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section B

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

1. List the applications of Object Oriented Programming.
2. Classify the operators in C++.
3. With an example, explain the use of Inline Function.
4. Describe Operator overloading with example.
5. Differentiate implicit and explicit type conversion.
6. Explain hybrid inheritance and relate with suitable example.
7. Illustrate the concept of Console I/O operations with example.
8. Describe command line arguments.

Section C

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

9. State the important features of Object Oriented Programming.
10. Discuss looping statements in C++.
11. Examine the characteristics of a constructor. Write a C++ program to perform copy constructor.
12. Compare Virtual functions and Pure virtual functions with suitable examples.
13. Determine the process to open, read, write and close files.
