

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 -2023

SEMESTER - III

21UCCCT3006 - Objected 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 about Object Oriented paradigm.
2. Paraphrase on State and interaction model.
3. Write note on i) Keyword ii) identifiers iii) variables with example.
4. Write a C++ program for arithmetic operation.
5. Describe class and object with example.
6. Distinguish friend function and virtual function.
7. Express constructor and destructor with example.
8. Conclude about console I/O Operations.

Section C

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

9. Illustrate about object oriented programming concept.
10. Explain in detail about control structure with suitable example.
11. Conclude about polymorphism with suitable example.
12. Elucidate Function overloading with example.
13. Distinguish the different types of inheritance with example.

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