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 - NOV'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. Illustrate the principles of object-oriented programming.

2. Show the applications of OOPs.

3. Classify the different types of tokens in C++.

4. Explain the declare a inline functions in C++ program with example.

5. Describe the difference between friend and virtual functions.

6. Predict the various types of constructors with example.

7. Relate the define a pointers to objects in C++.

8. Determine the implementation of pure virtual functions in C++ program.

Section C

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

9. Rephrase the state model and interaction model in OOPs.

10. Compute the different types of operators in C++ with example.

11. Examine the parameters passing in functions with example.

12. Prepare the declaration of function overloading in C++ program.

13. Conclude the initialization of pointers to derived classes with example.

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