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 NOVEMBER-2022
SEMESTER - II
20UCACT2002 - Object Oriented Programming In C++

Total Duration : 2 Hrs 30 Mins.   Total Marks : 60

Section A

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

1. Explain about the benefits of object oriented programming.
2. Describe about the applications of oops.
3. Classify the kinds of control structures and explain any one.
4. Relate the difference between Friend and Virtual functions.
5. Explain about the classes and objects with example in C++.
6. Write a comparative account on constructor and destructor concept in C++.
7. Illustrate about the Mapping Console I/O operations in C++.
8. Diagnose the various Exception handling in C++.

Section B

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

9. Illustrate the basic concepts of object oriented programming and list out the important properties of class with example.
10. Relate the concept of C++ function proto type with example.
11. Justify the function overloading and operator overloading concept with example
12. Relate the different types of inheritance concept in C++ with example
13. Determine the various File operations in C++ programming with example

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