

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.(ISM) END SEMESTER EXAMINATION APRIL/NOV - 2021

SEMESTER - III

17UBICT3007 - Object Oriented Programming with C++

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|-------------------------------|-------------------------|
| Total Duration : 3 Hrs | Total Marks : 75 |
| MCQ : 30 Mins | MCQ : 15 |
| Descriptive : 2 Hrs.30 Mins | Descriptive : 60 |

Section B

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

1. Mention few applications of object oriented programming.
2. Explain relational and logical operators in detail.
3. Discuss about C++ data types.
4. Write briefly about inline functions.
5. Explain operator overloading with example.
6. Write a note on classes and objects
7. Illustrate virtual function with example.
8. How will you manage I/O operations?

Section C

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

9. Briefly write about basic concepts of object oriented programming.
10. Explain looping statements with example.
11. Explain function prototyping and passing parameters in functions.
12. Briefly explain about constructors.
13. Discuss about the types of inheritance .