

Roll.No.

20USTAT3003

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.Sc.Statistics - END SEMESTER EXAMINATIONS - NOVEMBER 2025

SEMESTER - III

**20USTAT3003 - 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 features and applications in C++.
2. Explain Input/Output statements in C++.
3. Classify keywords and Tokens in detail.
4. Explain Relational operators with example.
5. What is the use of Arrays within a class.
6. Relate the use of Multiple Inheritance and Hierarchical Inheritance in detail.
7. Show the implementation of structures in a C++ program.
8. Compare the Break and Continue statement.

### Section C

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

9. Explain with examples, how to declare and initialize variables in C++ program.
10. Classify the while and do-while statement with examples.
11. Distinguish object oriented and procedure oriented programming.
12. Diagnose the role of constructor and destructor in a C++ program.
13. Evaluate the role of Exception handling in detail.

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