

**Bachelor of Computer Application (BCA) 2nd Semester
(Batch 2023-26) (CBGS)**

INTRODUCTION TO PROGRAMMING – C++

Paper-I

Time Allowed—3 Hours]

[Maximum Marks—75

Note :— Attempt **FIVE** questions in all, selecting at least **ONE** question from each section. The fifth question may be attempted from any section. All questions carry equal marks.

SECTION—A

1. What is meant by traditional Programming ? What are the pros and cons of using it ?
2. What is the importance of messaging and abstraction ?

SECTION—B

3. Explain the importance of destructor using C++ code.
4. What are the types of constructors in C++ ?

SECTION—C

5. What is meant by ambiguity in function overloading ?
6. Explain overloading of a function of your choice.

SECTION—D

7. How do we classify classes based on Inheritance ? Explain with examples using C++ code.
8. Explain the use of template using C++ code.