A-0845

Total Pages : 4   Roll No. -------------

BCA-08

Object- Oriented Programming through

C++

Bachelor of Computer Application (BCA)

3rd Semester Examination 2024(Dec.)

Time: 2:00 hrs   Max. Marks: 70

Note : This paper is of Seventy (70) marks divided into Two (02) Section A and B. Attempt the questions contained in these sections according to the detailed given therein. Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

P.T.O.

Section-A (Long-Answer-Type Questions)

Note : Section 'A' contains Five (05) long-answer-type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

[2x19=38]

Q.1.   Define the term Object-Oriented Programming (OOP). List its basic concepts.

Q.2.   List and describe the basic data types available in C++.

Q.3.   What are manipulators in C++? Name three commonly used manipulators in C++.

Q.4.   Discuss the advantages and disadvantages of inline functions.

Q.5.   What are the rules for overloading binary operators in C++?

Section-B (Short-Answer-Type Questions)

Note : Section 'B' contains Eight (08) short-answer-type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only.

[4x8=32]

Q.1.   What is the purpose of keywords in C++?

Q.2.   Explain why operator precedence is important in C++.

Q.3.   What is the syntax of a simple if statement?

Q.4.   What is an array in programming?

Q.5.   What is a friend function?

Q.6.   What is a constructor in object-oriented programming?

Q.7.   What is a derived class in object-oriented programming?

Q.8.   Explain the difference between compile-Time and

run-time polymorphism.

****