

Course
&
Test Series

Exam Paper for Introduction to C Plus Plus

Time: 45 Minutes

Marks : 50

Note: All questions are compulsory

Section A(5*1=5)
MCQ Questions

Ques 1: Encapsulation in OOP refers to:

- A. Binding data and functions together
- B. Deriving new classes from existing ones
- C. Representing data in multiple forms
- D. Hiding implementation errors

Ques 2: Which of the following is the correct syntax to include a header file in C++?

- A. include<iostream>
- B. #include<iostream.h>
- C. #include <iostream>
- D. include <iostream.h>

Ques 3: Which of the following is NOT a C++ token?

- A. Identifier
- B. Keyword
- C. Class
- D. Constant

Ques 4: What is the size of an int in most compilers?

- A. 1 byte
- B. 2 bytes
- C. 4 bytes
- D. 8 bytes

Ques 5: The extraction operator in C++ is:

- A. <<
- B. >>
- C. ::
- D. -

Section B(5*5=25)
Descriptive Questions

Ques 6: Explain the major differences between Procedural Programming and Object-Oriented Programming. Provide examples for each approach.

Ques 7: Explain identifiers and keywords. How do they differ? Give examples.

Ques 8: Define tokens in C++. Describe different categories of tokens?

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Ques 9: Explain the basic structure of a C++ program with an example. Describe the purpose of each component.

Ques 10: Discuss the role of classes and objects in OOP. How are they related, and why are they important?

 CBSE

Section C(1*20=20)
Long Questions

 ICSE

Ques 11:

- (a) Write a program that swaps two variables using a temporary variable. (10 Marks)
- (b) Write a program to input radius and calculate the area and circumference of a circle. (10 Marks)

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