

BCA-10

June – Examination 2022

BCA (Part II) Examination

Object Oriented Programming in C++

Paper : BCA-10

Time : 1½ Hours]

[Maximum Marks : 70

Note :- The question paper is divided into two Sections A and B. Write answers as per the given instructions.

Section-A

4×3½=14

(Very Short Answer Type Questions)

Note :- Answer any *four* questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries 3½ marks.

1. (i) Define Inheritance.
(ii) Define Friend Function.
(iii) Define Overloading.
(iv) Define Object.
(v) Write advantages of OOPs.
(vi) Define Virtual Function.
(vii) What is Base Class ?
(viii) Define Destructor.
4. Explain various types of Inheritance in C++.
5. Describe Data types of C++ with suitable examples.
6. Explain the following :
 - (i) Final Class
 - (ii) Base Class
7. Describe the following :
 - (i) Inline Function
 - (ii) Arrays
8. Describe the following :
 - (i) Polymorphism
 - (ii) Class in C++
9. Explain the following :
 - (i) Scope Resolution Operator
 - (ii) Public Data types

Section-B **4×14=56**

(Short Answer Type Questions)

Note :- Answer any *four* questions. Answer should not exceed **200** words. Each question carries 14 marks.

2. Write C++ program to demonstrate operator overloading.
3. Define Dynamic Memory Allocation. Give its advantages.