

**BCA-10****December – Examination 2020****BCA (Part II) Examination****Object Oriented Programming in C++****Paper : BCA-10***Time : 2 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****7×2=14****(Very Short Answer Type Questions)**

*Note* :- Answer all questions. As per the nature of the question delimit your answer in one word, one sentence or maximum upto **30** words. Each question carries 2 marks.

1. (i) What is access specifier in C++ ?
- (ii) Define Late Binding.

- (iii) Define inline function.
- (iv) What do you mean by Polymorphism ?
- (v) What is Pure Virtual Function ?
- (vi) Define union in C++.
- (vii) Define Friend Function in C++.

- 7. What are the various control and conditional statements in C++ ? Explain with suitable example.
- 8. What is Stream ? Explain with example.
- 9. Explain base and derived class with example.

**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. Explain operator overloading with example.
- 3. Define scope resolution operator.
- 4. What is Constructor and Destructor in C++ ?  
Explain.
- 5. Discuss the concept of “pass by value and pass by reference”. Explain with example.
- 6. What is structure in C++ ? Write a program covering arrays of structure.