

BCA-10

June – Examination 2024

BCA (Part II) Examination

OBJECT ORIENTED PROGRAMMING
IN C++

Paper : BCA-10

Time : 3 Hours]

[Maximum Marks : 70

Note :- The question paper is divided into three Sections A, B and C. 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 up to **30** words. Each question carries 2 marks.

1. (i) What is Function ?
- (ii) Define String.

- (iii) Define Error.
- (iv) Define data hiding.
- (v) Define Array.
- (vi) What is use of Scope Resolution ?
- (vii) Define File.

Section-B **4×7=28**

(Short Answer Type Questions)

Note :- Answer any *four* questions. Each answer should not exceed **200** words. Each question carries 7 marks.

2. Discuss various operators of C++.
3. Discuss Function Overriding.
4. Differentiate for loop and while loop.
5. Differentiate Call by Value and Call by Reference.
6. Explain Pure Virtual Function.
7. Write short note on Tokens.
8. Write short note on Destructor.
9. Write short note on Polymorphism.

Section-C

2×14=28

(Long Answer Type Questions)

Note :- Answer any *two* questions. You have to delimit your each answer maximum up to **500** words. Each question carries 14 marks.

10. Explain various features of Inheritance.

11. (a) Discuss types of Exception.

(b) Explain Manipulators in C++.

12. (a) Discuss features of C++.

(b) Explain Operator Overloading.

13. (a) Explain Type Conversion.

(b) Explain Control Structure of C++.