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Total number of pages: | |

BCA 2nd Sem
OOPs Using C++
Subject Code: BSBC-203
Paper ID:

Time allowed: 3 Hrs

Max Marks: 60

Important Instructions:

- All questions are compulsory

PART A (10x 2marks)

Q. 1. Short-Answer Questions:

- What is inline function?
- Differentiate between C and C++ language?
- Write a program using break statement?
- What is the use of data hiding?
- What is constructor?
- Define friend function?
- What is call by value?
- What are header files?
- List any four types of inheritance.
- Differentiate between publicly and privately derived?

PART B (5x8marks)

Q. 2. What is a statement? Explain different types of statements used in C++ language? CO1

OR

Explain various characteristics of object oriented languages? CO1

Q. 3. Define operators . Explain various types of operators used in C++ language CO2

OR

What is inheritance? Explain various types of Inheritance with example. CO2

Q. 4. What is a function? Differentiate between call by value and call by reference. CO3

OR

What is a class? How class members can be accessed ? Explain it with the help of any program. CO3

Q. 5. What are constructors? Explain different types of constructors with example? CO4

OR

Write a short note on :

- Encapsulation
- Array within a Class

CO5

Q. 6. What are files ? How files can be implemented in C++?

OR

What is late binding and early binding? Explain with example

CO5