BCA(Sem.-2nd)
OOPS Using C++
Subject Code:BSBC-203

Time: 03 Hours   **MaximumMarks:60**

Instructions to Candidates:

1. Section- A is **Compulsory.**
2. Attempt any **Four** questions from Section-B.

Section-A

Q1)   **(10x2=20)**

a) Define array of structure.

b) What do you mean by array within a class?

c) What is encapsulation?

d) What is pure virtual function?

e) Discuss the purpose of header files.

f) What is the use of random file processing?

g) What is use of destructor?

h) What is operator overloading?

i) What do you mean by inline function?

j) What is static member function?

Section-B

                                            (4x10=40)

Q2) Discuss various control structures with the help of examples.

Q3) Explain the various characteristics of an Object Oriented Programming with the structure of C++.

Q4)What is the difference between friend function and friend class? Demonstrate both with the help of example.

Q5)What is constructor? What are the different type of constructor are used in a class? Explain with the help of example.

Q6) What are the various operations that can be performed on files? Explain the various modes of file handling while opening a file with an example of each.

Q7) Write short notes on:

a) Container class
b) Types of derivations.

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