ROLL NO :

Total number of pages:[ ]

Total number of questions:06

B.C.A./ 2nd Sem

OOPS Using C++

Subject Code :BCAP1-206   (RG\RP)

Paper ID : M\18

(2016 batch onwards)

Time allowed: 3 Hrs

Max Marks:60

Important Instructions:

- All questions are compulsory
- Assume any missing data

Q. 1.   Answer in brief:
(a) What is type casting?
(b) What is the difference between Break and Exit jump control statement?
(c) Write the syntax of switch control statement?
(d)what will be the output of following
    For(i=1;i>5;)
        Cout<<I;
(e) what is the size of long int x[7][9];
(f) which key is used to compile the program
(g) what is an object?
(h) what is the function of seek function?
(i) what are in line function?
(j)what is the importance of destructor.

PART B (8×5)

Q. 2.   Write a program to find the sum of N random numbers?
                    OR
Explain pointers with the help of a program?   [CO1]

Q. 3.   What is inheritance? Explain different type of inheritance with example?
                    OR
What is Polymorphism? Explain Run Time Polymorphism with program?   ·   [CO2]

Q. 4.   Explain operator overloading with the help of a program?
                    OR
Write any Program in C++ explaining class, object procedure?   [CO3]

Q.5.   Explain constructors and destructor? How they are implemented?
                    OR

With the help of Program Explain Constructor Overloading?

Q.6. Writ a short note on the following
1. Function overloading
2. Friend functions

OR

Write a Program to enter a name in a file?

[CO5]