AH -1342 CV-19
BCA (Part-II)
Term End Examination, 2019-20
Paper - VI
Object oriented Programming Using C++

Time:- Three Hours]　　　　　　　　　　　　　　　　　　　　[Maximum Marks: 100
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　[Minimum Pass Mark: 33

Note:　Answer from all the Units and Question Number I is compulsory. Indicate marks

1.　Attempt the Following.　　　　　　　　　　　　　　　　　　　　　　　　　　20
　　(a)　If the four characters are significant to the Identifier then which of the following identifier and be created in the same scope.
　　　　Sal, Salary, Salary, Salary Salar, Salar.
　　(b)　Evaluate $10 \times 2 \backslash 6 - 3.5 + 2$
　　(c)　How the encapsulation is achieve in C++ language.
　　(d)　Evaluate $10 \gg 2 > 1 \leq 2$
　　(e)　How many object he need to pass as argument to overload the * operator using member function.
　　(f)　Evaluate $2 \times sige\ at\ (10.5) - 4/2.5$
　　(g)　Write syntax to initializes 3 dimensional array at the time at declaration
　　(h)　When access specified we should not using while declaring consummator and why?
　　(i)　to reuse the enlisting code, what are the option are available in C++.
　　(j)　Which error will occurs in this statement: $10 - 20\%2.5 \times 2$

Unit-I

2.　Where the role at banding occurs in programming language unite a simple program to demonise the use at different types at banding in C++ Language　　　　　　　　　　16

OR

Attempt the following:
　　(a)　Evaluate :　　　　$-40 \gg 3 \ll 1 + 2$
　　(b)　Evaluate :　　　　$10\&512+13$
　　(c)　If A=5, b=10, c=20, then what will be the value at d altar execute
　　　　The Statement.
　　　　d=a++-++b+ ++a - C++
　　(d)　Evaluate :　$10 + 2 \times 4.078 \times 2 - 1$
　　(e)　Evaluate : $3\%2 \times \frac{4}{9} - 1$

Unit-II

3.　(a) Unite the program to find out the middle number from the given there number (taken from the keyboard)　　　　　　　　　　16

　　(b)　Unite a program to print the following patter using while
　　　　****1
　　　　***21
　　　　**321
　　　　*4321
　　　　54321

OR

　　(a)　Cost variable value cannot be changed directly in C++2 What are the Alternative ways are available in C++ to change the value at const variable write program offer each way.
　　(b)　What is printer 2 how it defter from array? Write simple program to demonstrate the use of different arithmetic operation an printer in a simple　　　　program.

Unit-III

4.　Write a function which can access private member at class support "student" having field member　name　array　at 10 character age as mutterer and course as array at 20 characters, and dispense the valise at these in the format　　as following　　　　　　　　　　16
　　Name :-　　_____
　　Age :-　　　_____
　　Cast. :-　　_____

OR

Write two class in a simple program to demonstrate the use a s friend class and one function to demonstrate the use as friend function.

Unit-IV

5.　White as simple grogram to overload arithmetic operator (+,-,*) in a Single program.　　　16

OR

Write a simple program to demonstrate function overloading take altheas one function to overload it 3times.

Unit-V　　　　　　　　　　16

6.　What Problem may occurs due to multiple inheritance write a simple program to revalue the problem accrues due to multiple Inheritance.

OR

Why we should handle exception? write a simple program to create year own exception and handle it in a simple program.