

Object Oriented Programming Using C + + - 2015

Note: Attempt all questions.

Section-'A' (Objective Type Questions)

1. Choose the correct answer:

- (i) In C + + , a function contained with in a class is called a member function.
(True/False)
- (ii) Structure is user defined data type
(True/False)
- (iii) To store fractional number we use _____ type of variable:
(a) int (b) char (c) float (d) none
- (iv) Which of the following is scope resolution operator:
(a) * (b) :: (c) → (d) none
- (v) For newline _____ operator is used in C + + :
(a) new (b) endl (c) line (d) none
- (vi) _____ operator be used to create object of any type:
(a) create (b) new (c) make (d) none
- (vii) Constructor are normaly used to delete variables
(True/False)
- (viii) A destructor never takes any argument.
(True/False)
- (ix) A class can inherit the attributes of two or more classes is known as _____
(a) single (b) multiple (c) multilevel (d) none
- (x) derived class with only one base class is called _____ inheritance.
(a) multilevel (b) single (c) hybrid (d) none
- (xi) Private members of a class can be inherited
True/False
- (xii) The derived class in herits soem ar all the properties of the base class
(True/Flase)
- (xiii) _____ simply means one name having multiple forms:
(a) inheritance (b) polymorphism
(c) encupyulahon (d) none
- (xiv) Without virtual function run time polymorphism can be achieved.
(True/False)
- (xv) ios :: out open file for _____ mode only:
(a) read (b) write (c) read and write (d) none

Section-'B' (Short Answer Type Questions)

2. Write the difference between procedure oriented and object oriented programming.
- Or What is reference variable? What is its major use?
3. What is inline function? Explain with the example.
- Or What is class? How does it accomplish data hiding?
4. What is copy constructor? Explain.
- Or What is destructor? Why it is use.
5. What is virtual base class? Why it is needed.
- Or Discuss single inheritance with example.
6. Describe the various approaches by which we can default the end of file condition successfully.
- Or What is this pointer.

Section-'C' (Long Answer Type Questions)

7. What is data type? Explain with example.
- Or Write a program to find roots of quadratic equation in C + + .
8. What are different types of operators used in C + + ? Explain with examples.
- Or What is control structures? Explain different control structures used in C + + program.
9. Discuss with example:
(a) Type conversion, (b) Dynamic initialization of objects
- Or What is operator overloading? Explain overloading binary operator with example.
10. What is inheritance? Explain any two type of inheritance with example: (a) multilevel, (b) Multiple, (c) hybrid
11. What is a virtual function? Why we need virtual function? Explain.
- Or What are input and output stream. What are the steps involved in using a file in a C + + program.