

OOPS (C++) Poll Questions

DAY1 : Poll Questions

Q.1 An inline function is expanded during _____

- A. compile-time
- B. run-time
- C. never expanded
- D. end of the program

Correct Answer : A

Q.2 C++ is developed by_____.

- A. Alan Kay.
- B. Bjarne Stroustrup.
- C. James Gosling.
- D. Brian Karnighan.

Correct Answer : B

Q.3 C++ is invented in year _____.

- A. 1972
- B. 1979
- C. 1983
- D. 1998

Correct Answer : B

Q.4 Which one of the following data type is introduced in C++.

- A. void
- B. char
- C. bool
- D. wchar

Correct Answer : C

Q.5 Which of the following is a properly defined structure?

- A. struct {int a;}
- B. struct a_struct {int a;}
- C. struct a_struct int a;
- D. struct a_struct {int a;;}

Correct Answer : D

Q.6 Private and public are known as _____ in cpp.

- A. Accessors
- B. Access Specifier
- C. visibility Manipulator
- D. Manipulator

Correct Answer : B

Q.7. Which among the following function can be called without arguments?

- A. void add(int x, int y=0)
- B. void add(int=0)
- C. void add(int x=0, int y=0)
- D. void add(char c)

Correct Answer : C

DAY2 : Poll Questions

Q.1 Which of the following is a valid class declaration?

- a) class A { int x; };
- b) class B { }
- c) public class A { }
- d) object A { int x; };

Answer : A

Q.2 The data members and functions of a class in C++ are by default _____

- a) protected
- b) private
- c) public
- d) public & protected

Answer : B

Q.3 Which of the following gets called when an object is being created?

- A. Constructor
- B. Global Function
- C. Destructor
- D. Main Function

Answer :A

Q.4 Like constructors, can there be more than one destructors in a class?

- A. Yes
- B. No
- C. May Be
- D. Can't Say

Answer :B

Q.5 How constructors are different from other member functions of the class?

- a) Constructor has the same name as the class itself
- b) Constructors do not return anything
- c) Constructors are automatically called when an object is created
- d) All of the mentioned

Answer : D

Q.6 this pointer is_____ & Passed _____

- a) nonconstant & externally
- b) constant & externally
- c) constant & internally

d) nonconstant & internally

Answer : C

DAY3 : Poll Questions

Q.1 : Which among the following describes a destructor?

A: A special function that is called to free the resources, acquired by the object.

B: A special function that is called to delete the class.

C: A special function that is called anytime to delete an object.

D: A special function that is called to delete all the objects of a class.

Answer : A

Q.2 : What is the role of a constructor in classes?

A: To modify the data whenever required

B: To destroy an object

C: To initialize the data members of an object when it is created

D: To call private functions from the outer world

Answer : C

Q.3 : What is the general syntax for accessing the namespace variable?

A: namespace::operator

B: namespace,operator

C: namespace#operator

D: namespace\$operator

Answer : A

Q.4 : What is syntax of defining a destructor of class A?

A: A(){}

B: ~A(){}

C: A::A(){}

D: ~A(){};

Answer : B

Q.5 : Which keyword is used to access the variable in the namespace?

A: using

B: dynamic

C: const

D: static

Answer : A

Q.6 : What are the constant member functions?

A: Functions which doesn't change value of calling object

B: Functions which doesn't change value of any object inside definition

C: Functions which doesn't allow modification of any object of class

D: Functions which doesn't allow modification of argument object

Answer : A

Q.7 : Select the wrong statement about namespace.

A: We can define namespace as File scope.

B: We can define namespace at namespace scope.

C: we can define main function inside namespace.

D: we can not define namespace inside function.

Answer : C

Q.8 : Select the correct statement about class.

A. State, bahavior and identity are charactericts of class.

B. Class represents structure and behavior of the object.

C. Class get space inside memory.

D. By default, access specifier of the class is Public.

Correct Answer : B

DAY4 : Poll Questions

Q.1 _____ operator is designed to use with cin.

- A. <**
- B. <<**
- C. >>**
- D. >**

Correct Answer : C

Q.2 _____ is standard namespace in C++.

- A. global namespace**
- B. std namespace**
- C. default namespace**
- D. system namespace**

Correct Answer : B

Q.3: Pick the correct statement about references in C++.

- a) References stores the address of variables**
- b) References and variables both have the same address**
- c) References use dereferencing operator(*) to access the value of variable its referencing**
- d) References were also available in C**

Correct Answer : b

Q.4 By default how the value are passed in c++?

- a) call by value**
- b) call by reference**
- c) call by pointer**
- d) call by object**

Correct Answer :a

Q.5 How are the constants declared?

- a) const keyword
- b) #define preprocessor
- c) both const keyword and #define preprocessor
- d) \$define

Correct Answer :=a

Inside constant member function, if we want to modify state of non constant data member then we should use _____ keyword?

- A. static
- B. immutable
- C. mutable
- D. mutator

Correct Answer : C

DAY5 : Poll Questions

Q.1 The syntax for defining the static data members is _____

- a) dataType className :: memberName = value;
- b) dataType className : memberName = value;
- c) dataType className . memberName = value;
- d) dataType className -> memberName =value

Correct Answer : A

Q.2 Which one of the following operator we can not overload.

- A. =
- B. []
- C. ()
- D. ? :

Correct Answer : D

Q.3 Which of the following feature is used in function overloading?

- a) Encapsulation
- b) Polymorphism
- c) Abstraction
- d) Modularity

Answer : B

Q.4 Which Feature of OOP illustrated the code reusability?

- a) Polymorphism
- b) Abstraction
- c) Encapsulation
- d) Inheritance

Answer : D

Q.5 Which one of the following do not represent compile time polymorphism?

- A. Function Overloading
- B. Operator Overloading
- C. Function Overriding
- D. Template

Correct Answer : C

Q.6 Which of the following operator is not allowed to overload using non member function.

- A. =
- B. []
- C. < >
- D. ()

Correct Answer : C

Q.7 Composition is a _____ type of Association relationship.

- a) strong

- b) weak
- c) unnecessary
- d) necessary

Correct Answer : A

DAY6 : Poll Questions

Q.1: Which Feature of OOP illustrated parent child relationship?

- a) Polymorphism
- b) Abstraction
- c) Encapsulation
- d) Inheritance

Correcr Answer: =d

Q.2: Which among the following is correct for a hierarchical inheritance?

- a) Two base classes can be used to be derived into one single class
- b) Two or more classes can be derived into one class
- c) One base class can be derived into other two derived classes or more
- d) One base class can be derived into only 2 classes

Correcr Answer: =c

Q.3: Which type of inheritance leads to diamond problem?

- a) Single level
- b) Multi-level
- c) Multiple
- d) Hierarchical

Correcr Answer: =c

Q.4: If a base class is inherited in protected access mode then which among the following is true?

- a) Public and Protected members of base class becomes protected members of derived class**
- b) Only protected members become protected members of derived class**
- c) Private, Protected and Public all members of base, become private of derived class**
- d) Only private members of base, become private of derived class**

Correcr Answer: =a

Q.5: When a child class inherits traits from more than one parent class, this type of inheritance is called _____ inheritance.

- a. Hierarchical**
- b. Hybrid**
- c. Multilevel**
- d. Multiple**

Correcr Answer: =d