

Q1. this pointer is _____ & Passed _____

a) nonconstant & externally

b) constant & externally

☒ c) constant & internally

d) nonconstant & internally

Q2. Which of the following is a valid class declaration?

☒ a) class A { int x; };

class A {
int x;

b) class B { }

};

c) public class A { }

d) object A { int x; };

Q3. The data members and functions of a class in C++ are by default _____

a) protected

☒ b) private

c) public

d) public & protected

Q4. An inline function is ^{resolved} expanded during _____

☒ a) compile-time

b) run-time

c) never expanded

d) end of the program

Q5. Which of the following feature is used in function overloading and function with default argument?

a) Encapsulation

☒ b) Polymorphism

c) Abstraction

d) Modularity

Q6. Which of the following gets called when an object is being created?

- ☒ A. Constructor
- B. Virtual Function
- C. Destructor
- D. Main

Q7. Like constructors, can there be more than one destructors in a class?

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

Q8. 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

Q9. Where can the default parameter be placed by the user?

- a) leftmost
- ☒ b) rightmost
- c) both leftmost & rightmost
- d) topmost

Q10. How many types of constructors are there in C++?

- a) 1
- b) 2
- ☒ c) 3
- d) 4

Q11. What is syntax of defining a destructor of class A?

a) A(){} ~Time c 28

☒ b) ~A(){} y

c) A::A(){} y

d) ~A(){};

Q12. 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