

Technical Test

1. Which of the following term is used for a function defined inside a class?

A.Member Variable B.Member function C.Class function D.Classic function

2. Which of the following concept of oops allows compiler to insert arguments in a function call if it is not specified?

A. Call by value B call by reference C. Default arguments D. Call by pointer

3. Which of the following statements is correct?

A. Base class pointer cannot point to derived class. B. Derived class pointer cannot point to base class. C. Pointer to derived class cannot be created. D. Pointer to base class cannot be created.

4. Which of the following is not the member of class?

A. Static function B.Friend function C. Const function D.Virtual function

5. Which of the following concepts means determining at runtime what method to invoke?

A. Data hiding B.Dynamic Typing C.Dynamic binding D.Dynamic loading

6. Which of the following is an invalid visibility label while inheriting a class?

A. public B. private C. protected D. friend

7. Which of the following provides a reuse mechanism?

A. Abstraction B. Inheritance C. Dynamic binding D. Encapsulation

8. How "Late binding" is implemented in C++?

A. Using C++ tables B.Using Virtual tables C.Using Indexed virtual tables

D.Using polymorphic tables

9. Which of the following operator is overloaded for object cout?

A. >> B. << C. + D. =

10. Which of the following is not a type of inheritance?

A.Multiple B.Multilevel C.Distributive D.Hierarchical

11. Which classes allow primitive types to be accessed as objects?

A.Storage B.Virtual C.Friend D Wrapper

12. What is shallow copy?

- A. A shallow copy creates a copy of the dynamically allocated objects too.
- B. A shallow copy just copies the values of the data as they are.
- C. A shallow copy creates a copy of the statically allocated objects too
- D. Both b and c above

13. What will happen if a class is not having any name?

- A.It cannot have a destructor. B.It cannot have a constructor. C.It is not allowed. D. Both A and B.

14. Which inheritance type is used in the class given below?

```
class A : public X, public Y
```

```
{
```

- A. Multilevel inheritance B. Multiple inheritance C. Hybrid inheritance D. Hierarchical Inheritance

15. Which one of the following is correct about the statements given below?

All function calls are resolved at compile-time in Procedure Oriented Programming.

All function calls are resolved at compile-time in OOPS.

- A. Only II is correct. B.Both I and II are correct. C. Only I is correct. D. Both I and II are incorrect.

16. Which of the following is not a type of inheritance?

- A.Multiple B.Multilevel C.Distributive D.Hierarchical

17. Which of the following header file includes definition of cin and cout?

- A. istream.h B. ostream.h C. iomanip.h D. iostream.h

18. Which of the following provides a reuse mechanism?

- A. Abstraction B. Inheritance C. Dynamic binding D. Encapsulation

19. Which of the following type of class allows only one object of it to be created?

- A.Virtual class B. Abstract class C. Singleton class D. Friend class

20. Which of the following is not a type of constructor?

- A.Copy constructor B.Friend constructor C. Default constructor D. Parameterized constructor