

```

1.class Test
{
    void myMethod()
    {
        System.out.println("ThakurEngineering");
    }
}
public class Derived extends Test
{
    void myMethod()
    {
        System.out.println("TCET");
    }

    public static void main(String[] args)
    {
        Derived object = new Test();
        object.myMethod();
    }
}

```

a) ThakurEngineering
b) TCET
c) Compilation error
d) Runtime error

2. What is the output of the following program?

```

class TCET
{
    protected void getData()
    {
        System.out.println("Inside TCET");
    }
}
class ThakurEngineering extends TCET
{
    protected void getData()
    {
        System.out.println("Inside ThakurEngineering ");
    }
}

public class Test
{
    public static void main(String[] args)
    {
        GFG obj = new ThakurEngineering ();
        obj.getData();
    }
}

```

a) Inside TCET
b) Inside ThakurEngineering
c) Compilation error
d) Runtime error

3. Which polymorphism concept is applied to inheritance relationship in java programming?

- A. Method overloading
- B. Constructor overloading
- C. Method overriding
- D. None

4 Which inheritance in java programming is not supported

- A. Multiple inheritance using classes
- B. Multiple inheritance using interfaces
- C. Multilevel inheritance
- D. Single inheritance

5 What is subclass in java?

- A. A subclass is a class that extends another class
- B. A subclass is a class declared inside a class
- C. Both above.
- D. None of the above.

6 If class B is subclassed from class A then which is the correct syntax

- A. **class B:A{}**
- B. **class B extends A{}**
- C. class B extends class A{}
- D. **class B implements A{}**

7 What is the return type of Constructors?

- A.int
- B.float
- C.void
- D.None of these

8. What is the output of this program?

```
class Box {  
    int width;  
    int height;
```

```

int length;
int volume;
public Box() {
    width = 5;
    height = 5;
    length = 6;
}
void volume() {
    volume = width*height*length;
}
}
class Output {
    public static void main(String args[])
    {
        Box obj = new Box();
        obj.volume();
        System.out.println(obj.volume);
    }
}

```

A.100

B.150

C.200

D.250

9 What will be the output of the following program ?

```

class Equality {
    Integer x;
    Integer y;
    boolean isequal() {
        return(x == y);
    }
}

```

```

}
class Output {
    public static void main(String args[])
    {
        Equality obj = new Equality();
        obj.x = 5;
        obj.y = 5;
        System.out.println(obj.isequal());    }
}

```

A.True

B.False

C.0

D.1

10. which keyword is used to inherit interface

1. implements
2. inherits
3. extends
4. owns

11. inheritance is ____ relationship

1. is-a
2. whole part
3. was a
4. derived part

12. A __method is not invoked on an applet, and an applet class will not define ____

1. main() , main()
2. class , main()
3. main(), class
4. class, class

13. Which is not method in applet

1. paint()
2. main()
3. start()
4. destroy()

14. keyword to be used in a subclass to call the constructor of superclass?
- A. This
 - B. Super
 - C. Extend
 - D. Extends
15. Which class is superclass of String and StringBuffer class?
- A. Java.util
 - B. Java.lang
 - C. Java.array
 - D. Java.out
16. Which is the incorrect array declaration
- A. int arr[] = new int[5]
 - B. int [] arr = new int[5]
 - C. int arr[] = new int[5]
 - D. int arr[] = int [5] new
17. Which is used for exception handling
- A. Runnable
 - B. Throwable
 - C. Executable
 - D. Exceptionable
18. Which of the following is OOPS concept in Java?
- A. Inheritance
 - B. Polymorphism
 - C. Objects
 - D. Execution
19. Method overriding happens at
- A. Compile time
 - B. Run time
 - C. Execution
 - D. Build

20.

```
class Test
{
    Int Test ()
    {
        System.out.println("TCET");
    }
    Int Test (int, int)
    {
        System.out.println("TCET");
    }
}
```

- A. Compile time error
- B. Run time error

- C. No error
- D. Build error

21

```
if(x<=0)
{
    if(x==0)
    {
        System.out.println("1 ");
    }
    else
    {
        System.out.println("2 ");
    }
}
System.out.println("3 ");
```

- A. 1 2
- B. 2 3
- C. 1 3
- D. 3

22 What is true

- a. Break stops the execution of entire program
- b. Break stops the execution and forces the control out of the loop
- c. Break forces the control out of the loop and starts the execution of next iteration
- d. Break halts the execution of the loop

23 In switch statement following is used

- a. Break
- b. Exit
- c. Continu
- d. Execute

24. To throw exception manually,

- a. Try
- b. Catch
- c. Throw
- d. Throwable

25. _____ used for naming problems

- A. Packages
- B. Class
- C. Interfaces
- D. Objects