Q1 OUTPUT:

public classTest

public static void main(String[] args)

{

// How many objects are eligible for

// garbage collection after this line?

m1();

// Line 1

}

static voidm1()

{

Test t1 = newTest();

Test t2 = newTest();

}

}

How many objects are eligible for garbage collection after execution of line 1 ?

4

2

1

NONE

2

2 What is the use of final keyword in Java?

When a class is made final, a sublcass of it can not be created.

When a method is final, it can not be overridden.

When a variable is final, it can be assigned value only once

All of the above

All of the above

3 OUTPUT:

class GeeksforGeeks {

public static void main(String args[])

{

StringBuffer GfG1 = newStringBuffer(''Hello'');

StringBufferGfG2=newStringBuffer(''World'');

GfG1.append(GfG2);

System.out.println(GfG1);

}

}

Hello

World

Helloworld

Hello World

Hello World

4 Which interface does NavigableSetimplements ?

Set

List

Collection

SortedSet

SortedSet

5 When we create String with new() Operator, where is it stored?

In to the String Pool

It is created in Heap but not added to String Pool

Not stored anywhere

None of the above

It is created in Heap but not added to String Pool

6 Wrapper class is a wrapper around a \_\_\_\_\_\_\_ data type.

Normal

Central

Primitive

Concrete

Primitive

7 Which class does not override the equals() and hashCode() methods, inheriting them directly from class Object?

java.lang.String

java.lang.Character

java.lang.StringBuffer

java.lang.Double

java.lang.StringBuffer

8 What will be the output of the program?

class SSBool

{

public static void main(String [] args)

{

boolean b1 = true;

boolean b2 = false;

boolean b3 = true;

if ( b1 & b2 | b2 & b3 | b2 ) /\* Line 8 \*/

System.out.print(''ok '');

if ( b1 & b2 | b2 & b3 | b2 | b1 ) /\*Line 10\*/

System.out.println(''doke'');

}

}

ok

No output is produced

dokey

Compilation error

dokey

9 Thread class available in which package?

java.util

java.io

java.awt

java.lang

java.lang

10 public class MainClass

{

static public void main(String... arg)

{

int l=-9;

System.out.println(++l + l++);

}

}

16

0

-16

-8

-16

11 try

{

File f = new File(''a.txt'');

}

catch(Exception e)

{

}

catch(IOException io)

{

}

Is this code create new file name a.txt ?

true

false

Compilation Error

None of these

Compilation Error

12 Which of these classes defined in java.io and used for file-handling are abstract?

A. InputStream

B. PrintStream

C. Reader

D. FileInputStream

E. FileWriter

Only A

Only C

A and C

A, B and E

A and C

13 What will be the output of the following program code?

public class Test implements Runnable

{

public static void main(String[] args)

{

Thread t = new Thread(this);

t.start();

}

public void run()

{

System.out.println(''test'');

}

}

The program does not compile because this cannot be referenced in a static method.

The program compiles fine, but it does not print anything because t does not invoke the run() method

The program compiles and runs fine and displays test on the console

NONE OF THESE

The program does not compile because this cannot be referenced in a static method.

14 What is the output for the below code ?

class A implements Runnable

{

public void run()

{

System.out.println(Thread.currentThread().getName());

}

}

public class Test{

public static void main(String... args){

A a = new A();

Thread t = new Thread(a);

t.setName(''good'');

t.start();

}

}

good

null

Compilation fails with an error

Compilation succeed but Runtime Exception

good

15 What can directly access and change the value of the variable qusNo?

package com.mypackage;

public class Test

{

private int qusNo = 100;

}

Only the Test class.

Any class

Any class in com.mypackage package.

Any class that extends Test.Any class that extends Test.

Only the Test class.