Question 1:

What will be the output??

void test()

{

char c;

cin.get(c);

if (c!='\n')

{

test();

cout.put(c);

}

}

Question 2:

What is the result of the following piece of code:

public class Person{

public void talk(){

System.out.print(“I am a Person”);

}

}

public class Student extends Person{

public void talk(){

System.out.print(“I am a Student”);

}

}

public class Test{

public static void main(String args[]){

Person p = new Student(); p.talk();

}

}

Question 3:

Number of primitive data types in Java are?

1. 6
2. 7
3. 8
4. 9

Question 4:

What is the size of float and double in java?

1. 32 and 64
2. 32 and 32
3. 64 and 64
4. 64 and 32

 Question 5:

Select the valid statement to declare and initialize an array.

1. int[] A = {}
2. int[] A = {1, 2, 3}
3. int[] A = (1, 2, 3)
4. int[][] A = {1,2,3}

Question 6:  
When an array is passed to a method, what does the method receive?

1. The reference of the array
2. A copy of the array
3. Length of the array
4. Copy of first element

Question 7:

Find the output of the following program.

public class Solution{

public static void main(String[] args){

int[] x = {120, 200, 016};

for(int i = 0; i < x.length; i++){

System.out.print(x[i] + “ “);

}

}

}

1. 120 200 016
2. 120 200 14
3. 120 200 16
4. None

Question 8:

 Find the output of the following program.

public class Solution{

public static void main(String[] args){

byte x = 127;

x++;

x++;

System.out.print(x);

}

}

1. -127
2. 127
3. 129
4. 2

Question 9:

Select the valid statement.

1. char[] ch = new char(5)
2. char[] ch = new char[5]
3. char[] ch = new char()
4. char[] ch = new char[]

Question 10

Select the valid statement to declare and initialize an array.

1. int[] A = {}
2. int[] A = {1, 2, 3}
3. int[] A = (1, 2, 3)
4. int[][] A = {1,2,3}

Question 11

Find the value of A[1] after execution of the following program.

int[] A = {0,2,4,1,3};

for(int i = 0; i < a.length; i++){

a[i] = a[(a[i] + 3) % a.length];

}

1. 0
2. 1
3. 2
4. 3

Question 12

Arrays in java are-

1. Object references
2. objects
3. Primitive data type
4. None

Question 13.

When is the object created with new keyword?

1. At run time
2. At compile time
3. Depends on the code
4. None

Question 14  
Identify the correct restriction on static methods.

1. They must access only static data
2. They can only call other static methods.
3. They cannot refer to this or super.
4. I and II
5. II and III
6. Only III
7. I, II and III

Question 15

Identify the keyword among the following that makes a variable belong to a class,rather than being defined for each instance of the class.

1. final
2. static
3. volatile
4. abstract

Question 16

compareTo() returns

1. True
2. False
3. An int value
4. None

Question 17

Identify the output of the following program.

String str = “abcde”;

System.out.println(str.substring(1, 3));

1. abc
2. bc
3. bcd
4. cd

Question 18

Who invented Java Programming?

1. Guido van Rossum
2. James Gosling
3. Dennis Ritchie
4. Bjarne Stroustrup

Question 19

Which statement is true about Java?  
a) Java is a sequence-dependent programming language  
b) Java is a code dependent programming language  
c) Java is a platform-dependent programming language  
d) Java is a platform-independent programming language

Question 20

Which component is used to compile, debug and execute the java programs?  
a) JRE  
b) JIT  
c) JDK  
d) JVM

Question 21

Which one of the following is not a Java feature?  
a) Object-oriented  
b) Use of pointers  
c) Portable  
d) Dynamic and Extensible

Question 22

What will be the output of the following Java code?

1. **class** increment {
2. **public** **static** **void** main(String args[])
3. {
4. **int** g = 3;
5. System.out.print(++g \* 8);
6. }
7. }
8. 32
9. 33
10. 24
11. 25

Question 23

What does the following string do to given string str1.

String str1 = “Interviewbit”.replace(‘e’,’s’);

1. Replaces single occurrence of ‘e’ to ‘s’.
2. Replaces all occurrences of ‘e’ to ‘s’.
3. Replaces single occurrence of ‘s’ to ‘e’.
4. None.

Question 24

To which of the following does the class string belong to.

1. java.lang
2. java.awt
3. java.applet
4. java.string

Question 25  
How many objects will be created in the following?

String a = new String(“Interviewbit”);

String b = new String(“Interviewbit”);

Strinc c = “Interviewbit”;

String d = “Interviewbit”;

1. 2
2. 3
3. 4
4. None

Question 26

Find the output of the following code.

int ++a = 100;

System.out.println(++a);

1. 101
2. Compile error as ++a is not valid identifier
3. 100
4. None

Question27

Where does the system stores parameters and local variables whenever a method is invoked?

1. Heap
2. Stack
3. Array
4. Tree

Question 28

 What is the implicit return type of constructor?

1. No return type
2. A class object in which it is defined
3. void
4. None

Question 29

 When is the finalize() method called?

1. Before garbage collection
2. Before an object goes out of scope
3. Before a variable goes out of scope
4. None

Question 30

Find the output of the following code.

Public class Solution{

Public static void main(String args[]){

Int i;

for(i = 1; i < 6; i++){

if(i > 3) continue;

}

System.out.println(i);

}

}

1. 3
2. 4
3. 5
4. 6