FULL STACK DEVELOPMENT -- WORKSHEET 01

Q1.The size of float and Double in java-

   A.32 and 64

Q2.Automatic type conversion is possible in whichof the possible cases?

   B.Int to Long

Q3. Find the o/p of the following code:

```
int Integer=24;
char String= 'I';
System.out.print(Integer);
System.out.print(string);
```

   D.24I

Q4. Find the o/p of the following program:

```
public class Solution{
public static void main(String[]args){
    short x=10;
    x=x*5;
    System.out.print(x);
  }
}
```

A. 50

Q5.Find the o/p of the following program:

```java
public class Solution{
public static void main(String[]args){
    byte x=127;
    x++;
    x++;
  System.out.print(x);
 }
 }
```

C. 129

Q6.Select the valid statement:

Q7. Find out the following program:

```java
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]+"");
}
}
```

}

C.120,200,016

-----------------------------Q8 . When an arry is passed to a method ,what does the method receive?

   A . The referance of the arry

Q9 . Find the value of A[1] after execution of the following program:


```
public class Main {
  public static void main(String[] args) {
    int[] a = {0,2,4,3,1};
    for (int i = 0; i < a.length; i++) {
      a[i]=a[(a[i]+3)%a.length];
      System.out.println(a[i]);
    }
  }
}
```


D.3

Q10 .When is the object created with a new keyword?

   A. At run time

Q11 .Identify the corrected defination of a package:

   C. A package is a collection of classes and interfaces

Q12 .Identify the keyword among the following that makes a variable belong to a class,rather than being defined for each instance of the class

   B. Static

Q13 . Identify what can directly accessand change the value of the variable res:

   Package com.mypackage;

   public class Solution{

    Private int res=100;

}

Q14 .IN which of the following is the toString()methode defined?

   A. java.lang.String

Q15 . Identifythe output of the following program:

   String str="abcde";

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

C. bcd

Q16 .identify the output of the following program.

```
String str = "Hellow";

System.out.println(str.indexOf('t'));
```

D.-1

Q17 .Identify the output of the following program.

```
Public class test{

    Public static void main(String[]args){

        String str1="one";

        String str2="two";

    System.out.println(str1.concat(str2));
}
}
```

C. Onetwo

Q18 .How many objects will be created in the following?

```
String a=new String("FlipRobo");

 String b = new String("Fliprobo");

 String c = "Fliprobo";

 String d = "FlipRobo";
```

B.3

Q19 . int++a=100;

   System.out.println(++a);

   B.Compiler error as ++a is not a valid identifier

Q20 .Find the output of the following code.

   if(1+1+1+1+1==5){

  System.out.println("true");

}

else{

   System.out.println("False");

}

   A. True

Q21 . Find the output of the followimg code.

   Public class Soloution{

    Public static void main(String[]args){

    int x = 5;

    x*=(3+7);

    System.out.println(x);

}

}

   A.50

Q22 .Identify the return type of a method that dose not return any value.

   B.void

Q23 .Output of Math.floor(3.6)?

   A.3

Q24 .Identify the modifier which cannot be used for constractor.

   D.Static

Q25 What are the variable declared in a class for the use of all methodes of the class called?

   B. Instance vatriables

Q26 .Find the out of the following code.
 Public class solution{
   Public static void mani(String args[]){
     int i;
    for(i=1;i<6;i++){
   if(i>3)continue;
}

```
System.out.print(i);

}

}
```

D. 6

Q27 .Identify the infinite loop.

A.for(; ;)

Q28 .Exception created by try block is cought in which block

A.cathch block

Q29 .Which of the follwing exception is thrown when divided by zero statement is executed?

C. Arithmeticexception

Q30 .Where is System class defined?

A.java.lang.package