

WORKSHEET-1

QUES1. What is the size of float and double In java?

SOL. 32 and 64

QUES2. Automatic type conversion is possible in which of the possible cases?

Sol. Int to long

QUES.3 Find the output of the following code.

```
int Integer = 24;
```

```
char String = 'l';
```

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

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

SOL. 24 I

QUES4. Find the output of the following program.

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

SOL. Compile error

QUES5. 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);
```

SOL. -127

QUES6. Select the valid statement.

SOL. Char[] ch = new char[5]

QUES7. 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] + " ");  
        }  
    }  
}
```

```
}
```

SOL. 120 200 14

QUES8. When an array is passed to a method, what does the method receive?

SOL. The reference of the array

QUES9. 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];  
}
```

SOL. 1

QUES10. When is the object created with a new keyword?

SOL. At run time

QUES11. Identify the corrected definition of a package.

SOL. A package is a collection of classes and interfaces

QUES.12 Identify the keyword among the following that makes a variable belong to a class, rather than being defined for each instance of the class.

SOL. Static

QUES13. Identify what can directly access and change the value of the variable res.

```
Package com.mypackage;  
Public class Solution{  
Private int res = 100;  
  
}
```

SOL. Only solution class

QUES14. In which of the following is the toString() method defined?

SOL. java.lang.Object

QUES15. Identify the output of the following program.

```
String str = "abcde";  
System.out.println(str.substring(1, 3));
```

SOL. bc

QUES16. Identify the output of the following program.

```
String str = "Hellow";  
System.out.println(str.indexOf('t'));
```

SOL. -1

QUES17. Identify the output of the following program.

```
Public class Test{  
Public static void main(String argos[]){  
String str1 = "one";
```

```
String str2 = "two";  
System.out.println(str1.concat(str2));  
}  
}
```

SOL. onetwo

QUES18. 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";
```

SOL. 4

QUES19. Find the output of the following code.

```
int ++a = 100;  
System.out.println(++a);
```

SOL. Compile error as ++a is not valid identifier

QUES20. Find the output of the following code.

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



```
System.out.print("TRUE");  
}  
else{  
System.out.print("FALSE");  
}
```

SOL. TRUE

QUES21. Find the output of the following code.

```
Public class Solution{  
Public static void main(String args[]){  
Int x = 5;  
x * = (3 + 7);  
System.out.println(x);
```

SOL. 50

QUES22. Identify the return type of a method that does not return any value.

SOL. Void

QUES23. Output of Math.floor(3.6)?

SOL. 3.0

QUES24. Identify the modifier which cannot be used for constructor.

SOL. Static

QUES25. What are the variables declared in a class for the use of all methods of the class called?

SOL. Instance variables

QUES26. 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);  
}  
}
```

SOL. 6

QUES27. Identify the infinite loop.

Sol. All of the above

QUES28. Exception created by try block is caught in which block.

SOL. Catch

QUES29. Which of the following exception is thrown when divided by zero statement is executed?

SOL. Arithmetic Exception

QUES30. Where is System class defined?

SOL. java.lang.package