

Q1. What is the size of float and double in java ?

Ans. 32 and 64

Q2. Automatic type conversion is possible in which of the possible cases?

Ans. Int an long

Q3. Find the output of the following code.

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

Ans. 24I

Q4. 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);  
}
```

Ans. Compile Error

Q5. 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);  
    }  
}
```

Ans. -127

Q6. Select the valid statement.

Ans. char[] ch = new char[5]

Q7. 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] + " ");  
        }  
    }  
}
```

Ans. 120 200 14

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

Ans. The reference of the array.

Q9. 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)];  
}
```

Ans. 1

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

Ans. At run time.

Q11. Identify the corrected definition of a package.

Ans. 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.

Ans. static

Q13. Identify what can directly access and change the value of the variable res.

```
Package com.mypackage;
```

```
Public class Solution{
```

```
    Private int res = 100;
```

```
}
```

Ans. Only Solution class

Q14. In which of the following is the String() method defined?

Ans. java.lang.Object

Q15. Identify the output of the following program.

```
String str = "abcde";
```

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

Ans. bc

Q16. Identify the output of the following program.

```
String str = "Hellow";
```

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

Ans. -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));
```

```
    }
```

```
}
```

Ans. onetwo

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

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

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

```
String c = "FlioRobo";
```

```
String d = "FlipRobo";
```

Ans. 3

Q19. Find the output of the following code.

```
int ++a = 100;
```

```
System.out.println(++a);
```

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

Q20. Find the output of the following code.

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

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

Ans. True

Q21. 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);
```

Ans. 50

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

Ans. Void

Q23. Output of Math.floor(3.6) ?

Ans. 3.0

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

Ans. static

Q25. What are the variables declared in a class for the use of all methods of the class called?

Ans. Instance variables

Q26. 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);  
    }  
}
```

Ans. 6

Q27. Identify the infinite loop.

Ans. All of the above.

Q28. Exception created by try block is caught in which block ?

Ans. Catch

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

Ans. Arithmetic Exception

Q30. Where is System class defined?

Ans. `java.lang.package`