

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

**A. 32 and 64**

**B. 32 and 32**

**C. 64 and 64**

**D. 64 and 32**

**Answer:- A. 32 and 64**

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

**A. Byte to int**

**B. Int to long**

**C. Long to int**

**D. Short to int**

**Answer:-**

**B. Int to long**

**D. Short to int**

**Q3. Find the output of the following code.**

```
int Integer = 24;
```

```
char String = 'I';
```

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

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

**A. Compile error**

**B. Throws exception**

**C. I**

**D. 24**

**Answer:- D. 24 I**

**Q4. Find the output of the following program.**

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

A. 50

B. 10

C. Compile error

D. Exception

Answer:- A. 50

Q5.Find the output of the following program.

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

A. -127

B. 127

C. 129

D. 2

Answer:- A. -127

**Q6. Select the valid statement.**

- A. char[] ch = new char(5)**
- B. char[] ch = new char[5]**
- C. char[] ch = new char()**
- D. char[] ch = new char[]**

**Answer:- B. char[] ch = new char[5]**

**Q7. Find the output of the following program.**

```
public class Answer{  
    public static void main(String[] args){  
        int[] x = {120, 200, 016};  
        for(int i = 0; i < x.length; i++){  
            System.out.print(x[i] + " ");  
        }  
    }  
}
```

- A. 120 200 016**
- B. 120 200 14**
- C. 120 200 16**
- D. None**

**Answer:- B. 120 200 14**

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

- A. The reference of the array**
- B. A copy of the array**
- C. Length of the array**
- D. Copy of first element**

**Answer:- A. 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];  
}
```

**A. 0**

**B. 1**

**C. 2**

**D. 3**

**Answer:- A. 0**

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

**A. At run time**

**B. At compile time**

**C. Depends on the code**

**D. None**

**Answer:-A. At run time**

**Q11. Identify the corrected definition of a package.**

**A. A package is a collection of editing tools**

**B. A package is a collection of classes**

**C. A package is a collection of classes and interfaces**

**D. A package is a collection of interfaces**

**Answer:- 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.**

- A. final**
- B. static**
- C. volatile**
- D. abstract**

**Answer:- B. 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;  
  
}
```

- A. Any class**
- B. Only Solution class**
- C. Any class that extends Solution**
- D. None**

**Answer:- D. None**

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

- A. java.lang.Object**
- B. java.lang.String**
- C. java.lang.util**
- D. None**

**Answer:- A. java.lang.Object**

**Q15. Identify the output of the following program.**

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

- A. abc**

**B. bc**

**C. bcd**

**D. cd**

**Answer:-B. bc**

**Q16. Identify the output of the following program.**

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

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

**A. 0**

**B. 1**

**C. true**

**D. -1**

**Answer:-D. -1**

**Q17.**

**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));
```

```
}
```

```
}
```

**A. one**

**B. two**

**C. onetwo**

**D. twoone**

**Answer:- 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";**

**A. 2**

**B. 3**

**C. 4**

**D. None**

**Answer:- C. 4**

**Q19.Find the output of the following code.**

**int ++a = 100;**

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

**A. 101**

**B. Compile error as ++a is not valid identifier**

**C. 100**

**D. None**

**Answer:- B. 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.print("FALSE");**

}

A. TRUE

B. FALSE

C. Compile error

D. None

Answer:- A. 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);  
}
```

A. 50

B. 22

C. 10

D. None

Answer: A. 50

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

A. int

B. void

C. double

D. None

Answer:- B. void

**Q23.Output of Math.floor(3.6)?**

A. 3



**B. 3.0**

**C. 4**

**D. 4.0**

**Answer:- A. 3**

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

**A. public**

**B. protected**

**C. private**

**D. static**

**Answer:- D. static**

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

**A. Object**

**B. Instance variables**

**C. Reference variable**

**D. None**

**Answer:- B. 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);
```

```
}
```

```
}
```

**A. 3**

**B. 4**

**C. 5**

**D. 6**

**Answer:- D. 6**

**Q27. Identify the infinite loop.**

**A. for( ; ; )**

**B. for(int i = 0; i < 1; i--)**

**C. for(int i = 0; ;i++)**

**D. All of the above**

**Answer:- A. for( ; ; )**

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

**A. catch**

**B. throw**

**C. final**

**D. none**

**Answer:- A. catch**

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

**A. NullPointerException**

**B. NumberFormatException**

**C. ArithmeticException**

**D. None**

**Answer:- C. ArithmeticException**

**Q30. Where is System class defined?**

**A. java.lang.package**

**B. java.util.package**

**C. java.io.package**

**D. None**

**Answer:- A. java.lang.package**