

**1. Which of the following is correct declaration for constant?**

- a) `public int bq = 101;`
- b) `private int xy = 100;`
- c) **`final float xyz = 1.8f;`**

**2. Why we use this key world? (Choose all that are applicable)**

- a) to pass the current object as a parameter to another object
- b) to resolve ambiguity between instance variable and parameter
- c) **both above**

**3. Which is a valid identifier?**

- a) `false`
- b) `default`
- c) **`object`**
- d) `class`

**4. How can you import Date class ?**

- a) `import java.lang.Date`
- b) `import java.util.*`
- c) `import javax.util.*`
- d) **`import java.util.Date`**

**5. A String literal is enclosed in**

- a) Third bracket
- b) Single quote marks
- c) **Double quote marks**
- d) None

**6. A variable can be shared from common location from called as**

- a) **`protected`**
- b) `public`
- c) `private`
- d) `static`

7. Which of the following is the benefit of inheritance?

- a) Create generic type of class
- b) Eliminates duplication**
- c) Do not assist maintainability

8. We can declare array by

- a) Common attribute
- b) Common object**
- c) Common method
- d) Common name

9. Given:

```
public class R-45{  
    int val =2;  
    switch( val){  
        case 1: System.out.print( "P");  
        break;  
        case 2: System.out.print( "Q" );  
        break;  
        case 3: System.out.print( "R");  
        break;  
        case 4: System.out.print( "S");  
        break;  
        default: System.out.print( 'out of range" );  
    }  
}
```

What are the values to be printed?

- a) P
- b) Q**
- c) Both Q & R
- d) Out of range

**10. Which of the following is the sample class of java.lang?**

- a) Swing
- b) JFrame
- c) **Enum**
- d) Date

**11. Which of the following is true?**

- a) We can view a group of related classes organized into a package as a library
- b) A package is a Java mechanism for organizing classes.
- c) All class files in the same package are stored in the different directory.
- d) **Both A&B**

**12. Casting a data type from a large range to a smaller range - Java does this automatically?**

- a) **Narrowing**
- b) Dangling else ambiguity
- c) Floating-point number
- d) Runtime error

**13. When there are two methods have the same name but different parameter lists within one class is called—**

- a) **Method overloading**
- b) Method overriding
- c) Method Signature

**14. Which Constraint view describes the constraint definition? SQL**

- a) USER\_CON5\_COLUMNS
- b) **USER\_CONSTRAINTS**
- c) USER\_COL\_PRIVS
- d) None of the above

**15. A constructor creates**

- a) **An object**
- b) a class
- c) application
- d) None

**16. What will be the value of S ?**

`S=15 >9 ? "M" : "N";`

- a) **M**
- b) N
- c) 15
- d) 9

**17. What is reason to create synonyms?**

- a) You have too many tables.
- b) Your tables are too long.
- c) **Your tables have difficult names.**
- d) None

**18. Which method can be invoked without using an object?**

- a) Nested Loop
- b) Char type
- c) **Static Method**
- d) Loop Body

**19. The method name and the parameter list**

- a) **Method Signature**
- b) Method Abstraction
- c) Sentinel Value
- d) Indexed Variable

**20. If the parent record that you attempt to delete has child record, then you receive**

- a) The parent record found.
- b) The duplicate record found
- c) **The child record found violation ORA-02292.**

**21. Which of the following Array declaration statement is illegal?**

- a) `int [ ] a [ ] = new int [4] [4];`
- b) `int a[ ][ ] = new int [4] [4];`

- c) `int a[ ][ ] = new int [ ][4];`
- d) `int [ ] a [ ] = new int [4] [ ];`

**22. The variable that is passed into the method by a caller**

- a) Pass-By-Value
- b) Format Specifier
- c) **Parameter**
- d) Indexed Variable

**23. `int i = 0;`**

```
while (true) {
```

```
if (i==4) {
```

```
break;
```

```
}
```

```
++i;
```

```
}
```

```
System.out.println(" i="+i);
```

What is the result?

- a) `i = 0`
- b) `i —7`
- c) `i = 8`
- d) `i = 9`

**ANS: 4**

**24. What is the meaning of separating the use of a method from its implementation?**

- a) Method Signature
- b) Output Redirection
- c) **Method Abstraction**
- d) Scope of a Variable

**25. What will be the output?**

```
public class Test{  
    public static void main(String args[]){  
        int i = 1;  
        do{  
            i--;  
        }while(i > 2);  
        S  
    }  
}
```

- a) 1
- b) 2
- c) -1
- d) 0**

**26. Which statement is true regarding an object?**

- a) An object is a variable
- b) An object is a reference to an attribute
- c) An object is an instance of a class**
- d) An object is what classes instantiated are from

**27. What is the keyword throws used for?**

- a) throw is for throwing exceptions
- b) throws is for claiming exceptions
- c) both above**

**28. Which of the following for loops will be an infinite loop?**

- a) for(j; j)
- b) for(i=0; i<1; i--)**
- c) for(i=0;; i++)
- d) All of the above**

**29. Which command is used to compile program?**

- a) java
- b) javac**
- c) run
- d) jar

**30. Choose the correct answer?**

- a) Virtual Machine For the Java platform (Java Virtual Machine (JVM))
- b) Virtual Machine For the Java libraries (Java Virtual Machine (JVM))
- c) Virtual Machine For the Java platform (Java Virtual Machine (JVM))**

**31. Which declaration of the main() method is valid ?**

- a) public void main( String args [])
- b) public void static main( String args [
- c) final public static void main(String[] arr)
- d) public static void main( String[] arr)**

**32. Which of the following is the primary building block of java?**

- a) Functions
- b) Object
- c) Class**
- d) Program

**33. A Subquery can be used to**

- a) Create groups of data
- b) Sort data in a specific order
- c) Convert data to a different format
- d) Retrieve data based on an unknown condition**

**34. Java supports**

- a) Multiple Inheritance
- b) Double Inheritance
- c) Private Inheritance
- d) Single Inheritance**

**35. Which of the following is true related to constructor?**

- a) **A constructor can dynamically provide initial value.**
- b) Constructor has return type
- c) A class has only one constructor

**36. Which of the following checks the validity of a byte code?**

- a) Bytecode
- b) **bytecode verifier**
- c) widening
- d) logic error

**37. The primary building block of a Java technology application is a?**

- a) Library
- b) Object
- c) **Class**
- d) program

**38. Given:**

```
public void test(int x) {  
    int odd = x%2;  
    if (odd) {  
        System, out. printing" odd);  
    } else {  
        System, out. println( "even7");  
    }  
}
```

Which statement is true?

- a) **Compilation fails**
- b) "odd" will always be output
- c) "even" will always be output.
- d) "even" will be output for add values of x, and "odd" for even values



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- c) widening
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**40. What do you mean by default constructor?**

- a) It has no arguments**
- b) It has body part
- c) User defined constructor

**41. What is the output?**

```
int i = 0;
for (; i < 4; i += 2) {
    System.out.print(i + " ");
}
System.out.println(i);
```

- a) 0 2 4**
- b) 0 4 8 12
- c) 0 4 8
- d) Compilation fails.

**42. Which of the following statement are true about overloaded methods?**

- a) Argument lists must differ
- b) Argument lists may differ
- c) Return types can be different
- d) Above A & C**

**43. Which of the following statements let you choose alternative choices?**

- a) Boolean Expression
- b) primitive data type
- c) operator precedence
- d) Selection statement**

**43. Given:**

```
int i = 2, j = 11;

do {
    if(i>j) {
        break;
    }
    j--;
} while (++i <6);

System.out.println("i =" +i+" and j = "+j);
```

What is the result?

- a) i = 6 and j = 5
- b) i = 5 and j = 5
- c) i = 6 and j = 7**
- d) i = 5 and j = 6

**44. Which type of operator is !, && || ^**

- a) Floating point
- b) Bytecode verifier
- c) Boolean Expression
- d) boolean operators**