

Programming Skill I (JAVA) Sample Question Bank

SE IT

1. What is the return type of Constructors?
 - a) int
 - b) float
 - c) void
 - d) none of the mentioned
2. Which keyword is used by the method to refer to the object that invoked it?
 - a) import
 - b) catch
 - c) abstract
 - d) this
3. Which operator is used by Java run time implementations to free the memory of an object when it is no longer needed?
 - a) delete
 - b) free
 - c) new
 - d) none of the mentioned
4. 2. What is the process of defining more than one method in a class differentiated by method signature?
 - a) Function overriding
 - b) Function overloading
 - c) Function doubling
 - d) None of the mentioned
5. Which method can be defined only once in a program?
 - a) main method
 - b) finalize method
 - c) static method
 - d) private method
6. Which of this statement is incorrect?
 - a) All object of a class are allotted memory for the all the variables defined in the class
 - b) If a function is defined public it can be accessed by object of other class by inheritance
 - c) main() method must be made public
 - d) All object of a class are allotted memory for the methods defined in the class
7. Which of these is not a correct statement?
 - a) A recursive method must have a base case

- b) Recursion always uses stack
 - c) Recursive methods are faster than programmers written loop to call the function repeatedly using a stack
 - d) Recursion is managed by Java Runtime environment
8. Which of these is an incorrect statement?
- a) String objects are immutable, they cannot be changed
 - b) String object can point to some other reference of String variable
 - c) StringBuffer class is used to store string in a buffer for later use
 - d) None of the mentioned
9. 2. Which of these exceptions will be thrown if we declare an array with negative size?
- a) IllegalArgumentException
 - b) IllegalArraySizeException
 - c) NegativeArrayException
 - d) NegativeArraySizeException
10. . Which of these interface is used to create a thread?
- a) String
 - b) System
 - c) Thread
 - d) Runnable
11. What is byte code in Java?
- a) It is another name for java source file that contain the information about the hardware.
 - b) It is a binary code generated by the Java Virtual Machine for operating system.
 - c) It is an intermediate code generated by the java compiler for Java Virtual Machine.
 - d) It is code stored in class file
12. Which of these class is superclass of every class in Java?
- a) String class
 - b) Object class
 - c) Abstract class
 - d) ArrayList class
13. Which of these have highest precedence?
- a) ()
 - b) ++
 - c) *
 - d) >>

14. What should be expression1 evaluate to in using ternary operator as in this line?

expression1 ? expression2 : expression3

Integer

Floating – point numbers

Boolean

None of the mentioned

15. Which of these keywords is used to generate an exception explicitly?

a) try

b) finally

c) throw

d) catch

16. What will be the output of following program?

```
public class Demo {  
    public static void main(String args[]){  
        System.out.print('A' + 'C');  
    }  
}
```

a) 131

b) 132

c) AC

d) Error

17. What will be the output of following program?

```
public class prg {  
    public static void main(String[] args) {  
        System.out.print("Hello");  
        System.out.println("World");  
    }  
}
```

a) HelloWorld

b) Hello World

c) Hello
World

d) Compile with a Warning

18. What will be the output of following program?

```
class Test {  
    protected int x, y;
```

```
}  
  
class Main {  
    public static void main(String args[]) {  
        Test t = new Test();  
        System.out.println(t.x + " " + t.y);  
    }  
}
```

1 1

0 0

2 2

Nothing

19. Which of these functions is called to display the output of an applet?

- a) display()
- b) paint()
- c) displayApplet()
- d) PrintApplet()

20. Which access specifier gives access within package? *

- a) friendly
- b) private
- c) public
- d) protected

21. Use the following declaration and initialization to evaluate the Java expressions and find the output

```
int a = 2, b = 3, c = 4, d = 5;  
float k = 4.3f;
```

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

- (a) 3
- (b) 2
- (c) 4
- (d) 10

```
22. class prob1 {  
    int puzzel(int n){  
  
        int result;  
  
        if (n==1)  
            return 1;  
        result = puzzel(n-1) * n;  
        return result;  
    }  
}  
  
class prob2 {  
  
    public static void main(String args[])  
  
    {  
  
        prob1 f = new prob1();  
  
        System.out.println(" puzzel of 6 is = " + f.puzzel(6));  
    }  
}
```

Which of the following will be the output of the above program?

- a) 6 (b) 120 (c) 30 (d) 720 (e) 12

23. What will be the output of the following program?

```
abstract class MyFirstClass  
{  
    abstract num (int a, int b) { }  
}
```

- a. No error

- b. Method is not defined properly
- c. Constructor is not defined properly
- d. Extra parentheses

24. `int values[] = {1,2,3,4,5,6,7,8,9,10};`

```
for(int i=0;i< Y; ++i)  
System.out.println(values[i]);
```

Find the value of `value[i]`?

- a. 10
- b. 11
- c. 15
- d. None of the above

25. How many threads can be executed at a time?

- a. Only one thread
- b. Multiple threads
- c. Only main (main() method) thread
- d. Two threads



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