

# DURGA ONLINE EXAMS

## Test Your Knowledge

[HOME](#)211) **Given:**

```
22. StringBuilder sb1 = new StringBuilder("123");  
23. String s1 = "123";  
24. // insert code here  
25. System.out.println(sb1 + " " + s1);
```

Which code fragment, inserted at line 24, outputs "123abc 123abc"?

- 1) `sb1.append("abc"); s1.append("abc");`
- 2) `sb1.append("abc"); s1.concat("abc");`
- 3) `sb1.concat("abc"); s1.append("abc");`
- 4) `sb1.concat("abc"); s1.concat("abc");`
- 5) `sb1.append("abc"); s1 = s1.concat("abc");`
- 6) `sb1.concat("abc"); s1 = s1.concat("abc");`
- 7) `sb1.append("abc"); s1 = s1 + s1.concat("abc");`
- 8) `sb1.concat("abc"); s1 = s1 + s1.concat("abc");`

Your Selected options :: none ❌

Correct Options :: 5

[Click Here for Explanation](#)

212) **Given that the current directory is empty, and that the user has read and write privileges to the current directory, and the following:**

```
1. import java.io.*;  
2. public class Maker {  
3. public static void main(String[] args) {  
4. File dir = new File("dir");  
5. File f = new File(dir, "f");  
6. }  
7. }
```

Which statement is true?

- 1) **Compilation fails.**
- 2) **Nothing is added to the file system.**
- 3) **Only a new file is created on the file system.**
- 4) **Only a new directory is created on the file system.**
- 5) **Both a new file and a new directory are created on the file system.**

Your Selected options :: none ❌

Correct Options :: 2

[Click Here for Explanation](#)213) **Given:**

```
12. String csv = "Sue,5,true,3";  
13. Scanner scanner = new Scanner( csv );  
14. scanner.useDelimiter(",");  
15. int age = scanner.nextInt();
```

What is the result?

- 1) **Compilation fails.**
- 2) **After line 15, the value of age is 5.**
- 3) **After line 15, the value of age is 3.**
- 4) **An exception is thrown at runtime.**

Your Selected options :: none ❌

Correct Options :: 4

[Click Here for Explanation](#)
214) **Given:**

```

5. import java.io.*;
6. public class Talk {
7. public static void main(String[] args) {
8. Console c = new Console();
9. String pw;
10. System.out.print("password: ");
11. pw = c.readLine();
12. System.out.println("got " + pw);
13. }
14. }

```

If the user types the password aiko when prompted, what is the result?

- 1) password:  
got
- 2) password:  
got aiko
- 3) password: aiko  
got aiko
- 4) An exception is thrown at runtime.
- 5) Compilation fails due to an error on line 8.

Your Selected options :: none ❌

Correct Options :: 5

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215) Assuming that the `serializeBanana2()` and the `deserializeBanana2()` methods will correctly use Java serialization and given:

```

13. import java.io.*;
14. class Food {Food() { System.out.print("1"); } }
15. class Fruit extends Food implements Serializable {
16. Fruit() { System.out.print("2"); } }
17. public class Banana2 extends Fruit { int size = 42;
18. public static void main(String [] args) {
19. Banana2 b = new Banana2();
20. b.serializeBanana2(b); // assume correct serialization
21. b = b.deserializeBanana2(b); // assume correct
22. System.out.println(" restored " + b.size + " "); }
23. // more Banana2 methods
24. }

```

What is the result?

- 1) Compilation fails
- 2) 1 restored 42
- 3) 12 restored 42
- 4) 121 restored 42
- 5) 1212 restored 42
- 6) An exception is thrown at runtime.

Your Selected options :: none ❌

Correct Options :: 4

[Click Here for Explanation](#)
216) **Given:**

```

12. import java.io.*;
13. public class Forest implements Serializable {
14. private Tree tree = new Tree();
15. public static void main(String [] args) {
16. Forest f = new Forest();
17. try {
18. FileOutputStream fs = new FileOutputStream("Forest.ser");
19. ObjectOutputStream os = new ObjectOutputStream(fs);
20. os.writeObject(f); os.close();
21. } catch (Exception ex) { ex.printStackTrace(); }
22. } }
23.
24. class Tree { }

```

What is the result?

- 1) Compilation fails.
- 2) An exception is thrown at runtime.

- 3) **An instance of Forest is serialized.**
- 4) **An instance of Forest and an instance of Tree are both serialized.**

Your Selected options :: none ❌

Correct Options :: 2

[Click Here for Explanation](#)

- 217) **Given that c is a reference to a valid java.io.Console object, and:**
- ```
11. String pw = c.readPassword("%s", "pw: ");
12. System.out.println("got " + pw);
13. String name = c.readLine("%s", "name: ");
14. System.out.println(" got ", name);
```
- If the user types fido when prompted for a password, and then responds bob when prompted for a name, what is the result?**
- 1) **pw: got fido name: bob got bob**
  - 2) **pw: fido got fido name: bob got bob**
  - 3) **pw: got fido name: bob got bob**
  - 4) **pw: fido got fido name: bob got bob**
  - 5) **Compilation fails.**
  - 6) **An exception is thrown at runtime.**

Your Selected options :: none ❌

Correct Options :: 5

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- 218) **Assuming that the serializeBanana() and the deserializeBanana() methods will correctly use Java serialization and given:**
- ```
13. import java.io.*;
14. class Food implements Serializable {int good = 3;}
15. class Fruit extends Food {int juice = 5;}
16. public class Banana extends Fruit {
17. int yellow = 4;
18. public static void main(String [] args) {
19. Banana b = new Banana(); Banana b2 = new Banana();
20. b.serializeBanana(b); // assume correct serialization
21. b2 = b.deserializeBanana(); // assume correct
22. System.out.println("restore "+b2.yellow+ b2.juice+b2.good);
24. }
25. // more Banana methods go here 50. }
```
- What is the result?**
- 1) **restore 400**
  - 2) **restore 403**
  - 3) **restore 453**
  - 4) **Compilation fails**
  - 5) **An exception is thrown at runtime.**

Your Selected options :: none ❌

Correct Options :: 3

[Click Here for Explanation](#)

- 219) **Given:**
- ```
1. public class LineUp {
2. public static void main(String[] args) {
3. double d = 12.345;
4. // insert code here
5. }
6. }
```
- Which code fragment, inserted at line 4, produces the output | 12.345|?**
- 1) **System.out.printf("| %7d| \n", d);**
  - 2) **System.out.printf("| %7f| \n", d);**
  - 3) **System.out.printf("| %3.7d| \n", d);**
  - 4) **System.out.printf("| %3.7f| \n", d);**
  - 5) **System.out.printf("| %7.3d| \n", d);**
  - 6) **System.out.printf("| %7.3f| \n", d);**

Your Selected options :: none ❌

Correct Options :: 6

[Click Here for Explanation](#)

220) Given:

```

10. class MakeFile {
11. public static void main(String[] args) {
12. try {
13. File directory = new File("Cd");
14. File file = new File(directory,"Cf");
15. if(!file.exists()) {
16. file.createNewFile();
17. }
18. } catch (IOException e) {
19. e.printStackTrace()
20. }
21. }
22. }

```

The current directory does NOT contain a directory named "Cd".  
Which three are true? (Choose three.)

- 1) Line 16 is never executed.
- 2) An exception is thrown at runtime.
- 3) Line 13 creates a File object named "Cd".
- 4) Line 14 creates a File object named "Cf".
- 5) Line 13 creates a directory named "Cd" in the file system.
- 6) Line 16 creates a directory named "Cd" and a file "Cf" within it in the file system.
- 7) Line 14 creates a file named "Cf" inside of the directory named "Cd" in the file system.

Your Selected options :: none ❌

Correct Options :: 2, 3, 4

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|                                   |              |
|-----------------------------------|--------------|
| Total No. of Questions            | :: 292       |
| Total No. of Answered Questions   | :: 0         |
| Total No. of Unanswered Questions | :: 292       |
| Marks                             | :: 0/292(0%) |

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