

JAVA means DURGA SOFT

SCJP / OCPJP

Question Bank

Chapter 14 : Internationalization



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14.Internationalization

Q: 01 Given:

```
11. String test = "This is a test";  
12. String[] tokens = test.split("\s");  
13. System.out.println(tokens.length);  
What is the result?
```

- A. 0
- B. 1
- C. 4
- D. Compilation fails.
- E. An exception is thrown at runtime

Answer: D

Q: 02 Given:

```
12. System.out.format("Pi is approximately %d.", Math.PI);  
What is the result?
```

- A. Compilation fails.
- B. Pi is approximately 3.
- C. Pi is approximately 3.141593.
- D. An exception is thrown at runtime.

Answer: D

Q: 03 Given:

```
33. Date d = new Date(0);  
34. String ds = "December 15, 2004";  
35. // insert code here  
36. try {  
37. d = df.parse(ds);  
38. }  
39. catch(ParseException e) {  
40. System.out.println("Unable to parse " + ds);  
41. }  
42. // insert code here too
```

What creates the appropriate DateFormat object and adds a day to the Date object?

- A. 35. DateFormat df = DateFormat.getDateFormat();
42. d.setTime((60 * 60 * 24) + d.getTime());
- B. 35. DateFormat df = DateFormat.getDateInstance();
42. d.setTime((1000 * 60 * 60 * 24) + d.getTime());
- C. 35. DateFormat df = DateFormat.getDateFormat();
42. d.setLocalTime((1000*60*60*24) + d.getLocalTime());
- D. 35. DateFormat df = DateFormat.getDateInstance();
42. d.setLocalTime((60 * 60 * 24) + d.getLocalTime());

Answer: B

Q: 04 Given:

```
12. NumberFormat nf = NumberFormat.getInstance();  
13. nf.setMaximumFractionDigits(4);  
14. nf.setMinimumFractionDigits(2);  
15. String a = nf.format(3.1415926);
```

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16. String b = nf.format(2);

Which two statements are true about the result if the default locale is Locale.US? (Choose two.)

- A. The value of b is 2.
- B. The value of a is 3.14.
- C. The value of b is 2.00.
- D. The value of a is 3.141.
- E. The value of a is 3.1415.
- F. The value of a is 3.1416.
- G. The value of b is 2.0000.

Answer: C, F

Q: 05 Click the Task button.

Given:

```
System.out.printf("Pi is approximately %f and E is approximately %b",  
Math.PI, Math.E);
```

Place the values where they would appear in the output.

Pi is approximately

and E is approximately

Values

<input type="text" value="3"/>	<input type="text" value="3.141593"/>	<input type="text" value="true"/>	<input type="text" value="Math.PI"/>
<input type="text" value="2"/>	<input type="text" value="2.718282"/>	<input type="text" value="false"/>	<input type="text" value="Math.E"/>

Solution:

Pi is Approximately 3.141593

and E is Approximately true

Q: 05 Given:

12. Date date = new Date();

13. df.setLocale(Locale.ITALY);

14. String s = df.format(date);

The variable df is an object of type DateFormat that has been initialized in line 11.

What is the result if this code is run on December 14, 2000?

- A. The value of s is 14-dic-2004.
- B. The value of s is Dec 14, 2000.
- C. An exception is thrown at runtime.
- D. Compilation fails because of an error in line 13.

Answer: D

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Q: 06 Given:

d is a valid, non-null Date object

df is a valid, non-null DateFormat object set to the current locale

What outputs the current locale's country name and the appropriate version of d's date?

- A. `Locale loc = Locale.getLocale();`
`System.out.println(loc.getDisplayCountry()`
`+ " " + df.format(d));`
- B. `Locale loc = Locale.getDefault();`
`System.out.println(loc.getDisplayCountry()`
`+ " " + df.format(d));`
- C. `Locale loc = Locale.getLocale();`
`System.out.println(loc.getDisplayCountry()`
`+ " " + df.setDateFormat(d));`
- D. `Locale loc = Locale.getDefault();`
`System.out.println(loc.getDisplayCountry()`
`+ " " + df.setDateFormat(d));`

Answer: B

Q: 07

Given a valid DateFormat object named df, and

16. `Date d = new Date(0L);`

17. `String ds = "December 15, 2004";`

18. // insert code here

What updates d's value with the date represented by ds?

- A. `18. d = df.parse(ds);`
- B. `18. d = df.getDate(ds);`
- C. `18. try {`
`19. d = df.parse(ds);`
`20. } catch(ParseException e) { };`
- D. `18. try {`
`19. d = df.getDate(ds);`
`20. } catch(ParseException e) { };`

Answer: C

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Q: 08 Click the Task button.

Place the code fragments into position to produce the output:

true true false

Code

```
Scanner scanner = new Scanner( "One,5,true,3,true,6,7,false");
scanner.useDelimiter(",");

while (  ) {
    if (  ) {
        System.out.print(  + " ");
    } else  ;
}
```

Code Fragments

<code>scanner.hasNextBoolean()</code>	<code>scanner.nextBoolean()</code>
<code>scanner.next()</code>	<code>scanner.hasNext()</code>

Solution:

```
Scanner scanner = new Scanner("One, 5 true,3,true,6,7,false");
scanner.useDelimiter(",");
while( scanner.hasNext() ) {
    if ( scanner.hasNextBoolean() ){
        system.out.print(scanner.nextBoolean()+" ");
    }else scanner.Next();
}
```

Q: 09 Given:

11. double input = 314159.26;

12. NumberFormat nf = NumberFormat.getInstance(Locale.ITALIAN);

13. String b;

14. //insert code here

Which code, inserted at line 14, sets the value of b to 314.159,26?

- A. b = nf.parse(input);
- B. b = nf.format(input);
- C. b = nf.equals(input);
- D. b = nf.parseObject(input);

Answer: B

Q: 10 Given:

12. String csv = "Sue,5,true,3";

13. Scanner scanner = new Scanner(csv);

14. scanner.useDelimiter(",");

15. int age = scanner.nextInt();

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What is the result?

- A. Compilation fails.
- B. After line 15, the value of age is 5.
- C. After line 15, the value of age is 3.
- D. An exception is thrown at runtime.

Answer: D



Q: 11 Given:

- 11. `String test = "a1b2c3";`
- 12. `String[] tokens = test.split("\\d");`
- 13. `for(String s: tokens) System.out.print(s + " ");`

What is the result?

- A. a b c
- B. 1 2 3
- C. a1b2c3
- D. a1 b2 c3
- E. Compilation fails.
- F. The code runs with no output.
- G. An exception is thrown at runtime.

Answer: A

Question: 12

Given:

- 14. `DateFormat df;`
- 15. `Date date = new Date();`
- 16. `//insert code here`
- 17. `String s = df.format(date);`

Which two, inserted independently at line 16, allow the code to compile? (Choose two.)

- A. `df= new DateFormat();`
- B. `df= Date.getFormatter();`
- C. `df= date.getFormatter();`
- D. `df= date.getDateFormatter();`
- E. `df= Date.getDateFormatter();`

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F. df= DateFormat.getInstance();
G. df = DateFormat.getDateInstance();
Answer: FG

Question: 13

Given:

11. String test = "Test A. Test B. Test C.";

12. // insert code here

13. String[] result = test.split(regex);

Which regular expression inserted at line 12 will correctly split test into "Test A," "Test B," and "Test C"?

- A. String regex = "";
- B. String regex = " ";
- C. String regex = ". *";
- D. String regex = "\\s";
- E. String regex = "\\.|\\s*";
- F. String regex = "\\w[\\.]+";

Answer: E



Question: 14

Given:

5. import java.util.Date;

6. import java.text.DateFormat;

21. DateFormat df;

22. Date date = new Date();

23. // insert code here

24. String s = df.format(date);

Which code fragment, inserted at line 23, allows the code to compile?

- A. df = new DateFormat();
- B. df = Date.getFormat();
- C. df = date.getFormat();
- D. df = DateFormat.getFormat();
- E. df = DateFormat.getInstance();

Answer: E

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