

Quiz name: Advanced Java Final Exam Review
Question with Most Correct Answers: #14
Ouestion with Fewest Correct Answers: #7

Date: 05/02/2016
Total Questions: 16

1.	Which of the following are true about JDBC API?
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Makes it possible to:

8/8

1) Establish a connection with a database
2) Send SQL statements

3) Process the results

7/8 Provides metadata access, like column size and type.

7/8 Hides the complexity of many data access tasks, i.e., doing most of the "heavy lifting" for the programmer behind the scenes.

8/8 Uses URLs to identify database connections.

2. Which code snippet below will load the driver class file into RAM and make it available to your code?

(A) Statement statement = connection.createStatement();

3/8 (B) connection = DriverManager.getConnection(url);

5/8 Class.forName("com.mysql.jdbc.Driver");

0/8 (D) JDBC.loadDriver("com.Oracle.jdbc.Driver");

3. The statement's executeUpdate() method returns:

- 1/8 (A) a result set from the database.
- 4/8 B an int for the number of rows updated.
- 1/8 (C) a boolean indicating a successful update.
- (D) a String value of 0 or -1.
- **0/8 (E)** void.

0/8

4. Which of the following are true of JSTL?

- 3/8 (A) Stands for Java Server Technology Library.
- 7/8 B Provides if logic.
- 7/8 Provides **foreach** looping through all types of data collections.
- 1/8 (D) Cannot be combined with EL (Expression Language).
- 6/8 (E) Is case sensitive.
- 5. Which of the following is an example of JSP Expression Language (EL)?
- **6/8 (A)** \${results.name}

1/8	C <% String name = results.getName(); %>			
0/8	(D)	String name = results.getName();		
	O			
	To use	e any of the JSTL libraries, you must include a <taglib> directive at the top of each JSP that uses</taglib>		
6.	the lib	the library.		
8/8	A	True		
0/8	B	False		
_	\.d.: 1			
7.	Which	Which of the following are true of forwarding an HTTP Request to another resource?		
6/8	A	Servlet or JSP uses the RequestDispatcher to transfer control.		
5/8	B	Control is transferred entirely on the server. No network traffic is inolved.		
5/8	(C)	The syntax to forward is: response.forwardRequest(url);		
5/8		The user does not see the address of the destination JSP page.		
8.	Which	Which of the following are true of redirecting?		
8/8	A	The syntax is: response.sendRedirect(url);		
8/8	B	Servlets use HTTP to transfer control.		
6/8	The user sees the address of the destination page and can bookmark it.			
2/8	1	The transfer does not require additional network traffic.		
9.	Which	of the following are true of JavaBeans?		
8/8	A			
8/8	\overline{B}	Represent the data in MVC.		
5/8	$\overline{\mathbb{C}}$	Must have a zero argument constructor.		
2/8	1	Should have only public instance variables.		
1/8	(E)	Should not have getters or setters.		

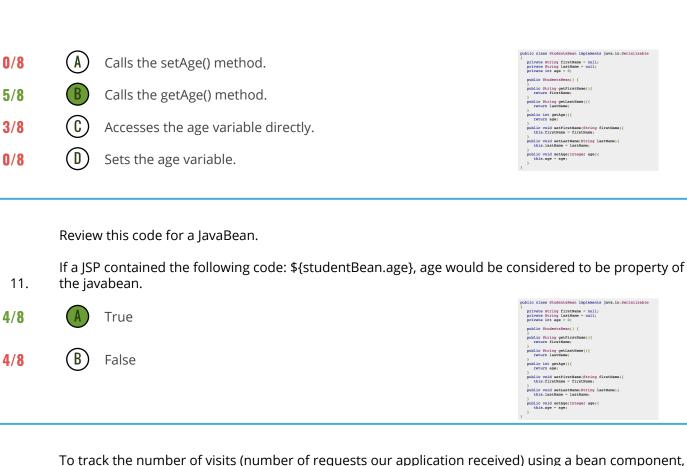
Review this code for a JavaBean.

<%= results.getName() %>

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If a JSP contained the following code: \${studentBean.age}, what does that code actually do?

10.



To track the number of visits (number of requests our application received) using a bean component, the bean should be stored in:

1/8 (A) The Session.

1/8 (B) The Request.

0/8 (C) The Page.

6/8 The Servlet Context.

- 13. In MVC architecture, the optimal role of a JSP page is:
- 0/8 A model
- 6/8 B view
 1/8 C controller
- 1/8 D both model and controller
- 14. In MVC architecture, the optimal role of a servlet is:
- 0/8 (B) view
- **0/8 (C)** model
- 8/8 D controller
- 0/8 (E) model and controller
 - JavaBeans have scope, just like all variables. Which of the following are valid scopes for a JavaBean in a JSP?
- 8/8 A Page

15.

3/8	B	Application
2/8	0	Servlet
8/8	D	Session
8/8	E	Request

16. Which of the following are techniques for Session Tracking?

8/8 A Cookies

8/8 B Hidden Form Fields

7/8 C URL Rewriting

6/8 D HttpSession API