

Exam : **1Z0-859**

Title : Java Enterprise Edition 5
Web Component Developer
Certified Professional
Upgrade Exam

Version : Demo

1. Given the relationship:



The tag handler MyTag extends SimpleTagSupport. At runtime, the doTag method throws a SkipPageException. Which three events occur after the SkipPageException is thrown?

(Choose three.)

- A. Evaluation of page2.jsp stops.
- B. Evaluation of page1.jsp stops.
- C. The MyTag instance is NOT reused.
- D. Evaluation of page2.jsp continues.
- E. Evaluation of page1.jsp continues.

Answer: A,C,E

2. A developer is designing a multi-tier web application and discovers a need to log each incoming client request. Which two patterns, taken independently, provide a solution for this problem.? (Choose two.)

- A. Transfer Object
- B. Service Locator
- C. Front Controller
- D. Intercepting Filter
- E. Business Delegate
- F. Model-View-Controller

Answer: C,D

3. Which three are true about the HttpServletRequestWrapper class? (Choose three.)

- A. The HttpServletRequestWrapper is an example of the Decorator pattern.
- B. The HttpServletRequestWrapper can be used to extend the functionality of a servlet request.
- C. A subclass of HttpServletRequestWrapper CANNOT modify the behavior of the getReader method.
- D. An HttpServletRequestWrapper may be used only by a class implementing the javax.servlet.Filter interface.
- E. An HttpServletRequestWrapper CANNOT be used on the request passed to the RequestDispatcher.include method.
- F. An HttpServletRequestWrapper may modify the header of a request within an object implementing the javax.servlet.Filter interface.

Answer: A,B,F

4. Which two are valid values for the <transport-guarantee> element inside a <securityconstraint> element of a web application deployment descriptor? (Choose two.)

- A. NULL
- B. SECURE

- C. INTEGRAL
- D. ENCRYPTED
- E. CONFIDENTIAL

Answer: C,D

5. Given a web application in which the request parameter productID contains a product identifier. Which two EL expressions evaluate the value of the productID? (Choose two.)

- A. `${productID}`
- B. `#{param.productID}`
- C. `#{params.productID}`
- D. `#{params.productID[1]}`
- E. `#{paramValues.productID}`
- F. `#{paramValues.productID[0]}`
- G. `#{pageContext.request.productID}`

Answer: B,F

6. Given the function invocation expression `#{my:reverse("42")}`, and that the function reverse is mapped into a Java method called reverse, which two are valid signatures for the Java method reverse? (Choose two.)

- A. `public int reverse(String val)`
- B. `public String reverse(String val)`
- C. `public static int reverse(String val)` D. `public static String reverse(int val)`
- D. `private static double reverse(double val)`
- E. `public int reverse(String value, String name)`
- F. `public static int reverse(int value, String name)`

Answer: C,D

7. For an `HttpServletResponse` response, which two create a custom header? (Choose two.)

- A. `response.setHeader("X-MyHeader", "34");`
- B. `response.addHeader("X-MyHeader", "34");`
- C. `response.setHeader(new HttpHeaders("X-MyHeader", "34"));`
- D. `response.addHeader(new HttpHeaders("X-MyHeader", "34"));`
- E. `response.addHeader(new ServletHeader("X-MyHeader", "34"));`
- F. `response.setHeader(new ServletHeader("X-MyHeader", "34"));`

Answer: A,B

8. For a given `ServletResponse` response, which two retrieve an object for writing text data? (Choose two.)

- A. `response.getWriter()`
- B. `response.getOutputStream()`
- C. `response.getWriter().getOutputStream()`
- D. `response.getWriter().getOutputStream()`
- E. `response.getWriter(Writer.OUTPUT_TEXT)`

Answer: A,B

9. Given an `HttpServletRequest` request and `HttpServletResponse` response, which sets a cookie "username" with the value "joe" in a servlet?

- A. `request.addCookie("username", "joe")`
- B. `request.setCookie("username", "joe")`
- C. `response.addCookie("username", "joe")`
- D. `request.addHeader(new Cookie("username", "joe"))`
- E. `request.addCookie(new Cookie("username", "joe"))`
- F. `response.addCookie(new Cookie("username", "joe"))`
- G. `response.addHeader(new Cookie("username", "joe"))`

Answer: F

10. Your company has a corporate policy that prohibits storing a customer's credit card number in any corporate database. However, users have complained that they do NOT want to re-enter their credit card number for each transaction. Your management has decided to use client-side cookies to record the user's credit card number for 120 days.

Furthermore, they also want to protect this information during transit from the web browser to the web container; so the cookie must only be transmitted over HTTPS. Which code snippet creates the "creditCard" cookie and adds it to the outgoing response to be stored on the user's web browser?

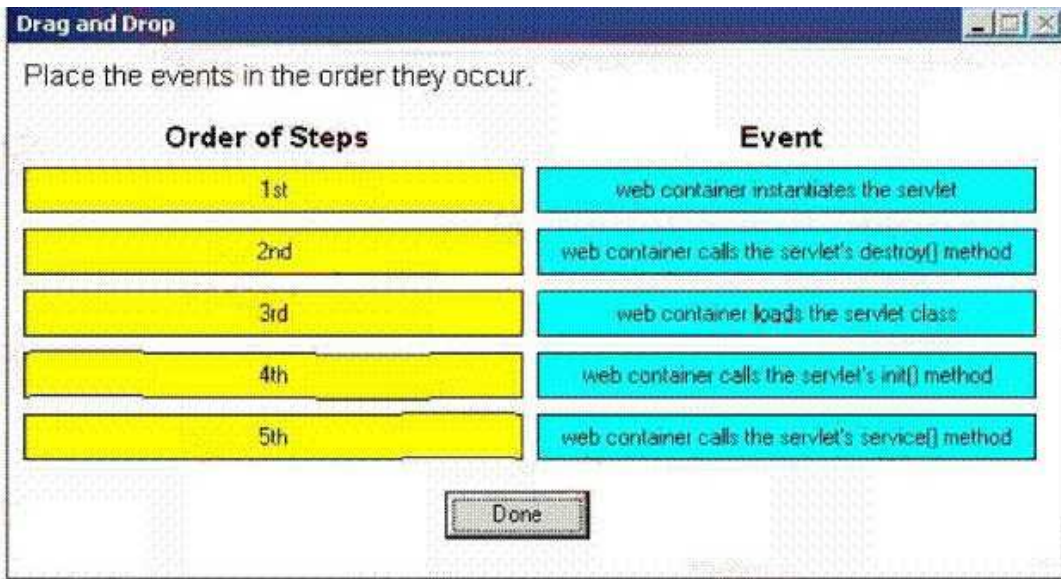
- A. `10. Cookie c = new Cookie("creditCard", usersCard);`
`11. c.setSecure(true);`
`12. c.setAge(10368000);`
`13. response.addCookie(c);`
- B. `10. Cookie c = new Cookie("creditCard", usersCard);`
`11. c.setHttps(true);`
`12. c.setMaxAge(10368000);`
`13. response.setCookie(c);`
- C. `10. Cookie c = new Cookie("creditCard", usersCard);`
`11. c.setSecure(true);`
`12. c.setMaxAge(10368000);`
`13. response.addCookie(c);`
- D. `10. Cookie c = new Cookie("creditCard", usersCard);`
`11. c.setHttps(true);`
`12. c.setAge(10368000);`
`13. response.addCookie(c);`
- E. `10. Cookie c = new Cookie("creditCard", usersCard);`
`11. c.setSecure(true);`
`12. c.setAge(10368000);`
`13. response.setCookie(c);`

Answer: C

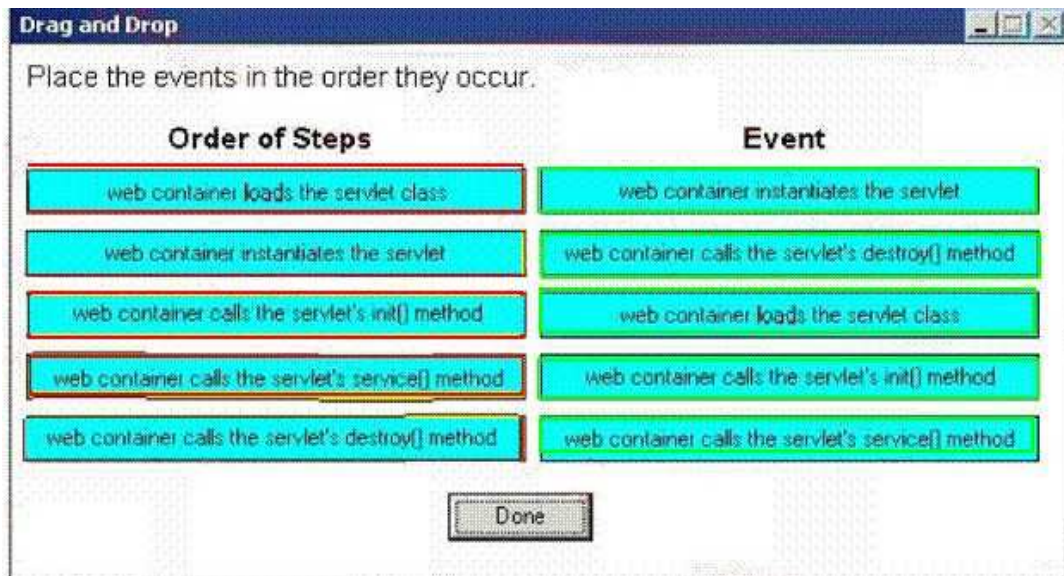
11. DRAG DROP

Click the Task button.

Place the events in the order they occur.



Answer:



12. You are creating a servlet that generates stock market graphs. You want to provide the web browser with precise information about the amount of data being sent in the response stream. Which two `HttpServletResponse` methods will you use to provide this information? (Choose two.)

- A. `response.setLength(numberOfBytes);`
- B. `response.setContentLength(numberOfBytes);`
- C. `response.setHeader("Length", numberOfBytes);`
- D. `response.setIntHeader("Length", numberOfBytes);`
- E. `response.setHeader("Content-Length", numberOfBytes);`
- F. `response.setIntHeader("Content-Length", numberOfBytes);`

Answer: B,F

13. Which two prevent a servlet from handling requests? (Choose two.)

- A. The servlet's `init` method returns a non-zero status.

- B. The servlet's init method throws a ServletException.
- C. The servlet's init method sets the ServletResponse's content length to 0.
- D. The servlet's init method sets the ServletResponse's content type to null.
- E. The servlet's init method does NOT return within a time period defined by the servlet container.

Answer: B,E

14. Given an HttpSession session, a ServletRequest request, and a ServletContext context, which retrieves a URL to /WEB-INF/myconfig.xml within a web application?

- A. session.getResource("/WEB-INF/myconfig.xml")
- B. request.getResource("/WEB-INF/myconfig.xml")
- C. context.getResource("/WEB-INF/myconfig.xml")
- D. getClass().getResource("/WEB-INF/myconfig.xml")

Answer: C

15. Given:

```
11. public void service(ServletRequest request,  
12.     ServletResponse response)  
13.     throws IOException {  
14.     ServletContext ctx = getServletConfig().getServletContext();  
15.     InputStream in =  
16.         // insert code here  
17. }
```

Which statement, at line 16, retrieves an InputStream for the file /WEB-INF/myresrc.bin?

- A. new InputStream("/WEB-INF/myresrc.bin");
- B. ctx.getInputStream("/WEB-INF/myresrc.bin");
- C. ctx.getResourceAsStream("/WEB-INF/myresrc.bin");
- D. new InputStream(new URL("/WEB-INF/myresrc.bin"));
- E. getClass().getResourceAsStream("/WEB-INF/myresrc.bin");

Answer: C

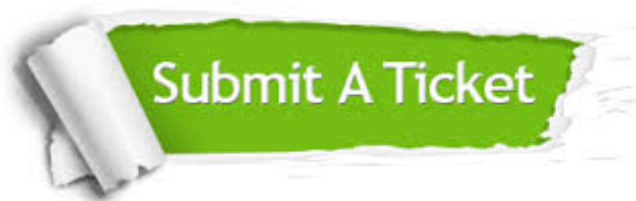
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