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Q&A

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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.

Drag and Drop

Place the events in the order they occur.

Order of Steps	Event
1st	web container instantiates the servlet
2nd	web container calls the servlet's destroy() method
3rd	web container loads the servlet class
4th	web container calls the servlet's init() method
5th	web container calls the servlet's service() method

Done

Answer:

Drag and Drop

Place the events in the order they occur.

Order of Steps	Event
web container loads the servlet class	web container instantiates the servlet
web container instantiates the servlet	web container calls the servlet's destroy() method
web container calls the servlet's init() method	web container loads the servlet class
web container calls the servlet's service() method	web container calls the servlet's init() method
web container calls the servlet's destroy() method	web container calls the servlet's service() method

Done

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 = getServletContext().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