Vendor: Oracle

Exam Code: 1Z0-859

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

Version: DEMO
1. Given the relationship:

![Diagram showing page1.jsp including page2.jsp, which invokes MyTag](image)

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)
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.getOutputWriter()
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.setHttp(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.setHttp(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