Chapter + Husbers

1	How would servlet code from a service method (e.g., doPost()) retrieve the value of the "User-Agent" header from the request? (Choose all that apply.)	(API)
	<pre>A. String userAgent =</pre>	-Option B shows the correct method call passing in the header name as a String parameter.
2	Which HTTP methods are used to show the client what the server is receiving? (Choose all that apply.) A. GET B. PUT C. TRACE —This method is typically used for troubleshooting, not for production. D. RETURN E. OPTIONS	(HF 4, HTTP methods)
3	Which method of HttpServletResponse is used to redirect an HTTP request to another URL? A. sendURL() B. redirectURL() C. redirectHttp() D. sendRedirect() E. getRequestDispatcher() A. sendURL() - Option D is correct, and of the methods listed, it's the only one that exists in HttpServletResponse	- (API)

request and response

4	Which HTTP methods are NOT considered idempotent? (Choose all that apply.)	it (HF 4, idempotent requests)
	□ A. GET □ B. POST □ C. HEAD □ D. PUT □ D. PUT □ A. GET □ By design, POST is meant to convey requests to update the state of the server. In general the same update should not be applied multiple times.	
5	Given req is a HttpServletRequest, which gets a binary input stream? (Choose all that apply.)	(API)
	£ pirvel	n B specifies the et method and the et return type.
6	How would you set a header named "CONTENT-LENGTH" in the HttpServletResponse object? (Choose all that apply.) A. response.setHeader(CONTENT-LENGTH, "numBytes"); B. response.setHeader("CONTENT-LENGTH", "numBytes"); C. response.setStatus(1024);	Option B shows the correct way to set an HTTP header with two String parameters,
	D. response.setHeader("CONTENT-LENGTH",1024);	one representing the header name and the other the value
7	Choose the servlet code fragment that gets a binary stream for writing an image or other binary type to the HttpServletResponse.	(API)
	☐ A. java.io.PrintWriter out = response.getWriter(); ☐ B. ServletOutputStream out = response.getOutputStream ☐ C. java.io.PrintWriter out = new PrintWriter(response.getWriter());	-Option A is incorrect because it uses a character-oriented PrintWriter
	D. ServletOutputStream out = response.getBinaryStream	n():

8	Which methods are used by a servlet to handle form data from a client? (Choose all that apply.)	(API)
	A. HttpServlet.doHead()	
	B. HttpServlet.doPost()	
	C. HttpServlet.doForm() -Options C-F are wrong	
	D. ServletRequest.doGet() D. ServletRequest.doGet()	
	☐ E. ServletRequest.doPost()	
	☐ F. ServletRequest.doForm()	
9	Which of the following methods are declared in HttpServletRequest as opposed to in ServletRequest? (Choose all that apply.) A. getMethod() B. getHeader() C. getCookies() D. getInputStream() E. getParameterNames()	(API)
10	How should servlet developers handle the HttpServlet's service() method when extending HttpServlet? (Choose all that apply.)	(API)
	□ A. They should override the service() method in most cases.	
	☐ B. They should call the service() method from doGet() or doPost	()
	. C. They should call the service() method from the init() method.	
	D. They should override at least one doxxx() method (such as doPost()).	
	-Option D is e developers typ the doGet(), a methods	ically focus on

1	When using a RequestDispatcher , the to an IllegalStateException ? (Che	- **	7)
	☐ C. write ☐ D. getOutputStream	IllegalStateException is caused in a response has already been institled to the client (the flush thod does that), and then you tempt a forward.	
2	Which statements about ServletConte (Choose all that apply.) A. They should be used for data that changes rarely.	(Servlet v2.4 pg. 31)
	 B. They should be used for data that changes frequently. 	ServletContext init parameters are only read at Container start-up time.	
	☐ C. They can be accessed using ServletContext.getParamete ☐ D. They can be accessed using ServletContext.getThitParamete	does not exist	
	 ServletContext.getInitPara E. They should be used for data that to a particular servlet. F. They should be used for data that it to an entire web application. 	s specific —Option E is incorrect because there is only one ServletContext	

3	Which types define the methods getAttribute() and set (Choose all that apply.) A. HttpSession B. ServletRequest C. ServletResponse D. ServletContext E. ServletConfig	etAttribute()? (Servlet v2.4 pgs. 32, 36, 59)
	☐ F. SessionConfig	
4	If a servlet is invoked using the forward or include methods of the servlet's requaccess the request attributes set by the container? (Choose	uest object can
	populated javax.s	access the container ervlet.forward.Xxx and ude.Xxxx attributes. Direfer to
5	Which calls provide information about initialization paramapplicable to an entire web application? (Choose all that a	
	☐ A. ServletConfig.getInitParameters()	-Options A and B are incorrect
	☐ B. ServletContext.getInitParameters()	because these methods do not exist
	C. ServletConfig.getInitParameterNames()	-Options C and E are incorrect because
	D. ServletContext.getInitParameterNames()	they provide access to servlet—specific
	E. ServletConfig.getInitParameter(String)	initialization parameters.
	☑ F. ServletContext.getInitParameter(String)	

6	Which statements about listeners defined in the javax.servle are true? (Choose all that apply.)	t package (Servlet v2.4 pg. 80)				
	A. A ServletResponseListener can be used to perform when a servlet response has been sent.	nn action —Option A is incorrect because these is no ServletResponseListener				
	B. An HttpSessionListener can be used to perform an a an HttpSession has timed out.					
	C. A ServletContextListener can be used to perform as when the servlet context is about to be shut down.	n action				
	D. A ServletRequestAttributeListener can be used to perform an action when an attribute has been removed from a ServletRequest.					
	E. A ServletContextAttributeListener can be used to action when the servlet context has just been created and to service its first request.	Count of contract to the second				
7	Which is most logically stored as an attribute in session scope?	(Servlet v2.4 pg. 58)				
	☐ A. A copy of a query parameter entered by a user. -Option parameter entered by a user.	n A is incorrect because a query eter is more typically used liately to perform an operation.				
	immediately to a user	ption B is incorrect because such Ita is typically either immediately turned or stored in request scope.				
	components of the system.	C is incorrect because (since it specific to a particular session) it be stored in context scope.				
	D. An object representing a user who has just logged into the system.					
	■ E. A copy of an initialization parameter retrieved from a ServletContext object.	Option E is incorrect because servlet context parameters should stay with the ServletContext object				

(Servlet v2.4 pg. 199-200) Given this code from an otherwise valid **HttpServlet** that has also been registered as a **ServletRequestAttributeListener**: public void doGet(HttpServletRequest req, HttpServletResponse res) 11. throws IOException, ServletException { 12. req.setAttribute("a", "b"); 13. req.setAttribute("a", "c"); 14. req.removeAttribute("a"); **15.** } 16. public void attributeAdded(ServletRequestAttributeEvent ev) { 17. System.out.print(" A:" + ev.getName() + "->" + ev.getValue()); **18.** } 19. public void attributeRemoved(ServletRequestAttributeEvent ev) { System.out.print(" M:" + ev.getName() + "->" + ev.getValue()); 21. } 22. public void attributeReplaced(ServletRequestAttributeEvent ev) { System.out.print(" P:" + ev.getName() + "->" + ev.getValue()); 23. 24. } What logging output is generated? A. A:a->b P:a->b ☐ B. A:a->b M:a->c -Tricky! The getValue ☑ C.A:a->b P:a->b M:a->c method returns the OLD value of the attribute if □ D. A:a->b P:a->b P:a->null the attribute was replaced. \square E. A:a->b M:a->b A:a->c M:a->c \square F.A:a->b M:a->b A:a->c P:a->null (Servlet v2.4 section 10.4, When declaring a listener in the DD, which sub-elements of the tener> element are required? (Choose all that apply.) £ 13.4.9) A. <description> → B. listener-name> C. <li -The < listener-class> sub-element is D. tener-class> the ONLY required sub-element of E. <servlet-mapping> the < listener > element.

Which	h types of objects can store attrib	utas? (Chaosa all that apply)	(API)
	ServletConfig ServletResponse RequestDispatcher HttpServletRequest HttpSessionContext	Options A, B, and C are walld because these types do ot store attributes. Option E is invalid because here is no such type.	Note: The other two types related to servlets, that ean store attributes are HttpSession and ServletContext.
Whic	h are true? (Choose all that appl	ly.)	(Servlet v2.4 pgs. 81–84)
	 A. When a web application is preparing to shutdown, the order of listener notification is not guaranteed. B. When listener-friendly events occur, listener invocation order 		-Options A and B are incorrect because the container uses the DD to determine the notification
is not predictable. C. The container registers listeners based on declarations in the deployment descriptor.			order of registered listeners.
). Only the container can invalida	servlet can inva	correct because a lidate a session using n.invalidate() method.
appli	h statements about RequestDis cable, assume the RequestDisp o getNamedDispatcher())? (C	atcher was not obtained via a	(Servlet v2.4 pg. 65)
M A	a. A RequestDispatcher can be another servlet.	e used to forward a request to	-Option B is incorrect
☐ B	 The only method in the Reque forward(). 	stDispatcher interface is	because the interface also contains an include method.
	C. Parameters specified in the query string used to create a RequestDispatcher are not forwarded by the forward method.		-Option C is incorrect because such parameters are forwarded in this case.
od r	 The servlet to which a request i original query string by calling ServletRequest. 	is forwarded may access the getQueryString() on the	are torwarded in this case.
 E	The servlet to which a request is original query string by calling servlet.forward.query_s ServletRequest.	<pre>getAttribute("javax.</pre>	

	- 4 3
Which statements accurately describe how many instances of a servlet servlet container instantiates for each web application? (Choose all that	at apply.)
A. If the servlet implements javax.servlet.SingleThreadMod container may create one instance for each request.	del, the
B. If the servlet does not implement SingleThreadModel , the company create multiple instances of the servlet in the same JVM.	ontainer
C. The <load-on-startup> web.xml element can determine h many instances are created.</load-on-startup>	because the
D. If the servlet does not implement SingleThreadModel, the container will create no more than one instance per JVM.	<pre><load-on-startup> deployment-descriptor element determines the order of instantiation, not the number of instances.</load-on-startup></pre>
What is the recommended way to deal with servlets and thread safety?	(Servlet spec p 27)
☐ A. Write the servlet code to extend ThreadSafeServlet .	Option A and B are incorrect
☐ B. Have the servlet implement SingleThreadModel .	because Threadsareserviet API
☐ C. Log all servlet method calls.	LIL Chale Nogadividuel is
D. Use local variables exclusively, and if you have to use instance variables, synchronize access to them.	deprecated in version 2.4 and not recommended.

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(Servlet Spec p. 59)
Given:
10. public class MyServlet extends HttpServlet {
       public void doGet(HttpServletRequest req,
11.
                             HttpServletResponse res)
12.
                throws IOException, ServletException {
13.
       // request.getSession().setAttribute("key", "value");
       // request.getHttpSession().setAttribute("key", "value");
14.
15.
           ((HttpSession)request.getSession()).setAttribute("key", "value");
16.
       // ((HttpSession)request.getHttpSession()).setAttribute("key", "value");
17.
18. }
Which line(s) could be uncommented without causing a compile or runtime error?
(Choose all that apply.)
■ A. Line 13 only.
   B. Line 14 only.
   C. Line 15 only.
■ D. Line 16 only.
                         -Option E is correct because both lines 13 and
   E. Line 13 or line 15.
                          15 make the correct method call. The cast to
                          HttpSession is NOT necessary, but it does reflect
■ F. Line 14 or line 16.
                          the correct type, so it is valid.
                                                                         (Servlet v2.4
If a client will NOT accept a cookie, which session management mechanism
could the web container employ? (Choose one.)

    A. Cookies, but NOT URL rewriting.

                                                   -Option B is correct because
   B. URL rewriting, but NOT cookies.
                                                   cookies CANNOT be used, but
                                                    URL rewriting does NOT depend
   C. Either cookies or URL rewriting can be used.
                                                    on cookies being enabled.
   D. Neither cookies nor URL rewriting can be used.
   E. Cookies and URL rewriting must be used together.
```

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,	Thich statements about HttpSession objects are true? Choose all that apply.)	(Servlet v2.4 p. 59)			
(7	A. A session whose timeout period has been set to -1 will never expire.	option B is incorrect because			
	1 B. A session will become invalid as soon as the user closes	here is no explicit termination gnal in the HTTP protocol.			
Œ	 C. A session will become invalid after a timeout period defined by the servlet container. 				
	D. A session may be explicitly invalidated by calling HttpSession.invalidateSession(). -Option the m called	on D is incorrect because nethod that should be used is invalidate().			
7.4	Thich of the following are NOT listener event types in the ISEE 1.4	(ADF)			
	hich of the following are NOT listener event types in the J2EE 1.4. Choose all that apply.)	APP (API)			
	A. HttpSessionEvent				
C	B. ServletRequestEvent				
	C. HttpSessionBindingEvent _HttpSessionBindingEvent	ents are used for			
Ū	D. HttpSessionAttributeEvent both HttpSessionAttributeListeners AND HttpSessionAttributeListeners.				
	E. ServletContextAttributeEvent				
	hich statements about session tracking are true?	(Servlet v2.4 p. 57)			
,,	A. URL rewriting may be used by a server as the basis for session tracking.				
9,6	B. SSL has a built-in mechanism that a servlet container could use to obtain data used to define a session.				
	C. When using cookies for session tracking, there is no restriction on the name of the session tracking cookie.	 Option C is incorrect because the specification dietates that the session tracking cookie 			
V	D. When using cookies for session tracking, the name of the session tracking cookie must be JSESSIONID .	must be JSESSIONID.			
	E. If a user has cookies disabled in their browser, the container may choose to use a javax.servlet.http. CookielessHttpSession object to track the user's	-Option E is incorrect because there is no such class.			

session.

```
(Servlet v2.4 p. 276)
Given:

    import javax.servlet.http.*;

2. public class MySessionListener
            implements HttpSessionListener {
         public void sessionCreated() {
3.
4.
              System.out.println("Session Created");
5.
6.
         public void sessionDestroyed() {
              System.out.println("Session Destroyed");
7.
8.
         }
9. }
                                                            -Options A and B are correct
                                                             because these methods should
What is wrong with this class? (Choose all that apply.)
                                                             have an HttpSessionEvent
   A. The method signature on line 3 is NOT correct.
                                                             parameter.
   B. The method signature on line 6 is NOT correct.
                                                                 - Option C is incorrect
C. The import statement will NOT import the
                                                                  because the listener is defined
                                                                  in the imported package.
       HttpSessionListener interface.
D. sessionCreated and sessionDestroyed are NOT the only -Option D is incorrect because
                                                                  these are the only two methods
                                                                  in this interface.
                                                                        (Servlet v2.4 p. 59)
Which statements about session attributes are true? (Choose all that apply.)
   A. The return type of HttpSession.getAttribute(String) is
       Object.
                                                                        -Option B is incorrect
                                                                        because the return
B. The return type of HttpSession.getAttribute (String) is
                                                                        type is Object
       String.
C. Attributes bound into a session are available to any other servlet that
       belongs to the same ServletContext.
□ D. Calling setAttribute ("keyA", "valueB") on an HttpSession -Option D is incorrect
                                                                         because this call will simply
       which already holds a value for the key keyA will cause an exception
                                                                        replace the existing value.
       to be thrown.
E. Calling setAttribute ("keyA", "valueB") on an HttpSession
       which already holds a value for the key keyA will cause the previous
      value for this attribute to be replaced with the String valueB.
```

8	Which interfaces define a getSession() me (Choose all that apply.)	ethod?	(Servlet v2.4 pg. 243)
	A. ServletRequest		
	B. ServletResponse		
	C. HttpServletRequest		
	☐ D. HttpServletResponse		
0	Given a session object s , and the code:		(Servlet v2.4 pg. 80)
9	<pre>s.setAttribute("key", value);</pre>		
	Which listeners could be notified? (Choose of	ne.)	
	☐ A. Only HttpSessionListener		
	☐ B. Only HttpSessionBindingListene	r	
	☐ C. Only HttpSessionAttributeListe	ener	
	D. HttpSessionListener and HttpSessionBindingListene	r	
	☐ E. HttpSessionListener and HttpSessionAttributeListe	ner	
	F. HttpSessionBindingListener and HttpSessionAttributeListe	nor HttpCossionA	correct because an ttributeListener is notified
	☐ G. All three	والمقاهدة والمستراوين	ittribute is added and the will also be notified if it httpSessionBindingListener.
		implements t	
0	Given that req is an HttpServletRequest , session if one doesn't exist? (Choose all that	apply.)	CAM IS
	A. req.getSession();	-Options A and B wi	l each
	☑ B. req.getSession(true);	create a new session doesn't exist. getSes	it one
	C. req.getSession(false);	returns a null if the	
	☐ D. req.createSession();	doesn't exist.	
	☐ E.req.getNewSession();		
	☐ F. req.createSession(true);		
	☐ G. req.createSession(false);		

11	Given a session object s with two attributes named myAttr1 and myAttr2 , which will remove both attributes from this session? (Choose all that apply.)				
	 A. s.removeAllValues(); B. s.removeAttribute("myAttr1"); s.removeAttribute("myAttr2"); C. s.removeAllAttributes(); D. s.getAttribute("myAttr1", UNBIND); s.getAttribute("myAttr2", UNBIND); E. s.getAttributeNames(UNBIND); 	-Option B is correct, removeAttribute() is the only way to remove attributes from a session object, and it removes only one attribute at a time.			
12	 Which statements about HttpSession objects in distrenvironments are true? (Choose all that apply.) A. When a session is moved from one JVM to another stored in the session will be lost. B. When a session is moved from one JVM to another registered HttpSessionBindingListener of the session of t	ner, any attributes -Option A is incorrect because serializable attributes will be transferred.			
	notified. C. When a session is moved from one JVM to another registered HttpSessionActivationListener notified. D. When a session is moved from one JVM to another values that implement java.io.Serializable transferred to the new JVM.	since attributes remain bound to the session. her, appropriately er objects will be her, attribute			
13	Which statements about session timeouts are true? (Choose all that apply.) A. Session timeout declarations made in the DD catime in seconds.	(API) an specify			
	 B. Session timeout declarations made in the DD catime in minutes. C. Session timeout declarations made programmar specify time only in seconds. D. Session timeout declarations made programmar specify time only in minutes. E. Session timeout declarations made programmar specify time in either minutes or seconds. 	esession—timeout> element, only minutes can be specified, using HttpSession's setMax[nactive nterval() only seconds can be specified.			

```
Choose the servlet code fragment that would retrieve from the request the
                                                                   (API)
value of a cookie named "ORA_UID"? (Choose all that apply.)
                                                           - Option A refers to a
   A. String value = request.getCookie("ORA UID");
                                                            method that doesn't exist.
B. String value = request.getHeader("ORA UID");
   C. javax.servlet.http.Cookie[] cookies =
        request.getCookies();
       String cName = null;

    Option C gets a Cookie

       String value = null;
                                                           array using request.
                                                           getCookies(), then checks for
       if (cookies != null) {
                                                           a Cookie of a specified name.
         for (int i = 0; i < cookies.length; i++) {
           cName = cookies[i].getName();
           if (cName != null &&
                cName.equalsIgnoreCase("ORA UID")){
             value = cookies[i].getValue();
   D. javax.servlet.http.Cookie[] cookies =
                                                        - Option D only looks at the
          request.getCookies();
                                                        first Cookie in the array.
       if (cookies.length > 0) {
         String value = cookies[0].getValue();
```

4	Given this DD element:	(JSP v2.0 Pg 1-87)	
1	47. <jsp-property-group> 48. <url-pattern>*.jsp</url-pattern> 49. <el-ignored>true</el-ignored> 50. </jsp-property-group>		
	What does the element accomplish? (Choose all that apply.)		
	☐ A. All files with the specified extension mapping should be treated by JSP container as well-formed XML files.	by the	
	B. All files with the specified extension mapping should have any Expression Language code evaluated by the JSP container.		
	C. By default, all files with the specified extension mapping should N have any Expression Language code evaluated by the JSP contained	NOT —Option C turns off ner. the evaluating of EL expressions by a JSP	
	D. Nothing, this tag is NOT understood by the container.	2.0 container and by	
	 E. Although this tag is legal, it is redundant, because the container behaves this way by default. 	default the container does evaluate EL.	
2	Which directives specify an HTTP response that will be of type "image/s (Choose all that apply.) A. <%@ page type="image/svg" %> B. <%@ page mimeType="image/svg" %> C. <%@ page language="image/svg" %> D. <%@ page contentType="image/svg" %> E. <%@ page pageEncoding="image/svg" %> this	svg"? (JSP v2.0 section 1.10.1) tion D is the rect syntax for s directive.	

```
(JSP v2.0 section 1)
Given this JSP:
    <%@ page import="java.util.*" %>
    <html><body> The people who like
2.
    <%= request.getParameter("hobby") %>
    are: <br>
    <% ArrayList al = (ArrayList) request.getAttribute("names"); %>
5.
6.
    <% Iterator it = al.iterator();</pre>
7.
        while (it.hasNext()) { %>
8.
          <%= it.next() %>
9. <br>
10. <% } %>
11. </body></html>
Which types of code are used in this JSP? (Choose all that apply.)
A. EL
B. directive
                                  -There's no EL in this JSP.
                                  There's a directive on line I,
   C. expression
                                   expressions on lines 3 and 8,
   D. template text
                                   template text all over (like line 2),
                                   and of course scripting elements.
   E. scriptlet
                                                                   (JSP v2.0 section 11.2.1)
Which statements about jspInit() are true? (Choose all that apply.)
```

B. It has access to a **ServletContext**.

C. It is only called once.

D. It can be overridden.

☑ A. It has access to a ServletConfig.

5	Which types of objects are available to the (Choose all that apply.)	(JSP v2.0 section 11.2.1)	
	A. ServletConfig B. ServletContext C. JspServletConfig D. JspServletContext E. HttpServletRequest F. HttpServletResponse	-JSPs turn into plain old servle have access to the plain old Se and ServletContext objects just a little early in the lifecy talking about requests and res	and it's sele to be
6	Given: <%@ page isELIgnored="true" %>		(JSP v2.0 pg 1-49)
	 What is the effect? (Choose all that app A. Nothing, this page directive is N B. The directive turns off the evaluation the JSP container in all of the well-container as a well-formed XML D. The JSP containing this directive Language code evaluated by the ✓ E. This page directive will only turn a <el-ignored>true</el-ignored>truetruethat includes this JSP. 	OT defined. ation of Expression Language of the application's JSPs. should be treated by the JSP file. should NOT have any Express JSP container. off EL evaluation if the DD defined.	only affects the enclosing JSP.
7	Which statement concerning JSPs is true A. Only jspInit() can be overrided B. Only jspDestroy() can be over C. Only _jspService() can be over D. Both jspInit() and jspDestroy E. jspInit(), jspDestroy(), and overridden.	den. rridden. erridden. coy () can be overridden.	(JSP v2.0 section II) -Remember the underscore is your clue that a method can't be overridden.

8	Which JSP lifecycle step is out of order?	(JSP v20 section 11)				
J	☐ A. Translate the JSP into a servlet.					
	■ B. Compile servlet source code.					
	C. Call_jspService() -The jspService method can					
	D. Instantiate the servlet class.					
	☐ E. Call jspInit()					
	☐ F. Call jspDestroy()					
9	Which are valid JSP implicit variables? (Choose all that apply.) A. stream Options A, B, and D don't exist as implicit objects created by the container for JSPs. D. listener E. application	(JSP v20 section 1.8.3)				
10	Given a request with two parameters: one named "first" represents a user's first name and another named "last" represents his last name.	- (JSP v2.0 pg 1-41)				
	Which JSP scriptlet code outputs these parameter values?					
	A. <% out.println(request.getParameter("first")); out.println(request.getParameter("last")); %>	-Option A uses the "out" implicit object and its println() method.				
	<pre>B. <% out.println(application.getInitParameter("first"))</pre>					
	☐ C.<% println(request.getParameter("first")); println(request.getParameter("last")); %> -OF	tions C and D are missing ""out" implicit object				
	<pre>D. <% println(application.getInitParameter("first")); println(application.getInitParameter("last")); %></pre>					

44	Given:	(JSP v	12.0 pg. 1-10)			
11. Hello \${user.name}! 12. Your number is <c:out value="\${user.phone}"></c:out> . 13. Your address is <jsp:getproperty name="user" property="addr"></jsp:getproperty> 14. <% if (user.isValid()) {%>You are valid!<% } %>						
	Which statements are true? (Choose all that apply.)					
	A. Lines 11 and 12 (and no others) contain examples of EL elements.					
	B. Line 14 is an example of scriptlet code.		اله مسمع ال			
	☐ C. None of the lines in this example contain template text.	Option C is incorrect because all four lines include template text				
	☐ D. Lines 12 and 13 include examples of JSP standard actions.	-Option D line 12 do standard	is incorrect because es not include a JSP action.			
	☐ E. Line 11 demonstrates an invalid use of EL.	-Option E is incorrect because the EL in line				
	F. All four lines in this example would be valid in a JSP page.	Il is valid.	In line			
12	hich JSP expression tag will print the context initialization parameter named "jaws? v2.0 pg 1–41) pl.DataSource"?					
A. <%= application.getAttribute("javax.sql.DataSource") %>						
	B. <% = application.getInitParameter("javax.sql.Da					
	☐ C.<%= request.getParameter("javax.sql.DataSource	e") %>	-Option B shows the correct use of the			
	☐ D. <%= contextParam.get("javax.sql.DataSource")	%>	application implicit			
	Which statements about disabling scripting elements are true?		v2.0 section 3.3.3)			
13	(Choose all that apply.)					
	☐ A. You can't disable scripting via the DD.					
	■ B. You can only disable scripting at the application level.	-You can only	disable scripting			
	C. You can disable scripting programmatically by using the		lements through the DD. The isp-property-group> element llows you to disable scripting			
	D. You can disable scripting via the DD by using the <scripting-invalid> element.</scripting-invalid>	in selective JSPs by specifying URL patterns to be disabled.				