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# Unit 9 - Week 8

## Course outline

How does an NPTEL online course work?

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## Assignment 8

The due date for submitting this assignment has passed.  
As per our records you have not submitted this assignment.

Due on 2020-05-02, 23:59 IST.

1) Choose the correct statement about Web deployment descriptor as per Servlet API specification.

1 point

- A. web.xml resides in the web application under the WEB-INF/ directory.  
B. web.xml resides in the web application under the WEB-INF/lib directory.  
C. It maps the URL of the request to the code that can handle the request.  
D. Web application can have multiple web.xml.

- ☐ A,D  
☐ B,C, D  
☐ A , B  
☐ A,C

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
A,C

2) Please refer to sample web.xml file of a web application

1 point

```
< web-app xmlns="http://xmlns.jcp.org/xml/ns/javaee"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee
    http://xmlns.jcp.org/xml/ns/javaee/web-app_3_1.xsd"
  version="3.1" >
  < servlet >
    < servlet-name >helloservlet< / servlet-name >
    < servlet-class>nptel.server.HelloServlet</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>helloservlet</servlet-name>
    <url-pattern>/helloservlet.html</url-pattern>
  </servlet-mapping>
</web-app>
```

What would happen , if we add one more tag <url-pattern></url-pattern> under servlet mapping in the above web.xml file.

- ☐ Runtime exception is thrown. Servlet-mapping can have only one url-pattern tag  
☐ helloservlet servlet would be invoked for request url with only root context http://localhost:8080/helloservlet/  
☐ Error page is displayed for request url with only root context http://localhost:8080/helloservlet/  
☐ 404 Error page is displayed for request url with helloservlet.html http://localhost:8080/helloservlet/helloservlet.html

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
helloservlet servlet would be invoked for request url with only root context  
http://localhost:8080/helloservlet/

3) What should be done if there is a change in web.xml of a WebApplication?

1 point

- ☐ Web Application code should be re-compiled first and then repackaged to create new web archive file  
☐ Web.xml file changes are automatically copied to deployment folder.  
☐ Web Application should be repackaged to create new web archive file.

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Web Application should be repackaged to create new web archive file.

4) We set a variable using request.setAttribute() in Servlet . Please select the correct option which explains the scope of variable.

1 point

- ☐ Object created with request scope is accessible only from the pages which are processing the same request  
☐ Object created with request scope is accessible only from the page in which they are created  
☐ Object created with request scope is accessible only from the pages which are in same session  
☐ Object created with request scope is accessible only from the pages which reside in same application

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Object created with request scope is accessible only from the pages which are processing the same request

5) Choose the incorrect statement from the options given below:

1 point

- ☐ < % % > is used for java code inclusion in JSP.  
☐ Code written inside scriptlet is executed only once when first time JSP program is executed.  
☐ JASPER is compiler of JSP.

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Code written inside scriptlet is executed only once when first time JSP program is executed.

6) Choose the correct answer from the options given below:

1 point

- A. JSPs are converted to servlet on runtime.  
B. JSPs are converted to servlet during code compilation time.  
C. When we use < %= request.getAttribute("title") % > in JSP , the compiled servlet class would have content value of title.  
D. When we use < %= request.getAttribute("title") % > in JSP , the compiled servlet class would have request.getAttribute("title") code

- ☐ B, D  
☐ A , B  
☐ B,C  
☐ A,D

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
A,D

7) Refer to html code of Registration.jsp given below. On submit , it posts form data to formShow servlet.

1 point

```
<html>
  <body>
    <form action="/Register/formShow" method="POST">
      First Name: <input type="text" id="f_name" name="first_name">
      <br />
      Last Name: <input type="text" name="last_name" id="l_name" />
      <input type="submit" value="Submit" />
    </form>
  </body>
</html>
```

What code should be used in formShow servlet to get textbox values entered by user?

- ☐  
request.getParameter("first\_name");  
request.getParameter("l\_name");  
☐  
request.getParameter("f\_name");  
request.getParameter("l\_name");  
☐  
request.getParameter("first\_name");  
request.getParameter("last\_name");  
☐  
request.getParameter("f\_name");  
request.getParameter("l\_name");

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
request.getParameter("first\_name");  
request.getParameter("last\_name");

8) Which of the following are JSP objects which are created by web container and that are available in all the jsp pages?

1 point

- A. request  
B. out  
C. pageContext  
D. application

- ☐ B, D  
☐ A,B,C,D  
☐ A,C  
☐ A,B

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
A,B,C,D

9) Which of the following are true statement about JSTL tag libraries?

1 point

- A. JSTL tag libraries help in separation of business logic from JSP  
B. JSTL Tags are NOT compiled into Servlets.  
C. Import tag library before use < %@ taglib prefix = "c" uri = "http://java.sun.com/jsp/jstl/core" % >  
D. JSTL implicit objects are param and header.

- ☐ A,B  
☐ B,C, D  
☐ A, C,D  
☐ A,C

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
A, C,D

10) Select the objects which can be enumerated directly using <c:forEach> tag alone in JSTL.

1 point

- A. request parameters  
B. request attributes  
C. http headers

- ☐ A,B  
☐ A,B,C  
☐ B,C  
☐ A,C

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
A,C