web.xml (Struts)

\* Note : Web.xml is also known as Deployment Descriptor, Front Controller...

**Q1 :** What is web.xml?

**A1 :** - **web.xml**is used to control many facets of a Web application.

- Through Deployment Descriptor file, web.xml, you can control many aspects of the Web application behavior, from preloading servlets, to restricting resource access, to controlling session time-outs.

#### Q2 : What is Deployment Descriptor?

#### A2 : - DD is a XML document with .xml extension.

#### - describes the deployment settings of an application or module or the component.

#### - At runtime, server reads the DD and understands it, then acts upon the information mentioned in descriptor.

**Q3 :** Abbreviate xmlns:xsi, xmlns.

**A3 :** Xmlns:xsi 🡪 xml namespace: xmlschema instan

Xmlns 🡪 xml namespace

# Q4 : What if there is no welcome-file-list element in web.xml?

**A4 :** Just a HTTP 404 error page will be display.

**Q5 :** Describe welcome-file element.

**A5 :** It represent .jsp/.html file to be executed at first.

# Q6 : “ \*.do ” in web.xml file ?

**A6 :** Servlet-Mapping is useful in hidding your real servlet class names by simple adding the \*.do as mapping the user cannot know which servlet it is pointing to.

**Q7 :** What is load-on-startup?

**A7 :** It tells the web container about loading a particular servlet. It is Mandatory.  
Remember lower the value of <load-on-startup>, servlet will be loaded first.

struts-config.xml

**Q8 :** What is struct-config.xml?

**A8 : -** It is struts configuration file.

* Configure the controller and view pages.

**Q9 :** What is Forward?

**A9 :** Aforward can be local for specific action. A local forward is defined in a struts-config.xml file in an action mapping and is invoked when the action is invoked.

**Q10 :** What is global-forwards?

**A10 :** global-forwards available to any action. It is defined in a struts-config.xml file in action-mapping.

Choose from the Options.

\*Note : DD represents Deployment Descriptor.\*

Q1 : Which of these is true about deployment descriptors ?. Select the correct answer.

Options :

1. The order of elements in DD is not important.
2. The elements of DD are case insensitive.
3. The servlet-mapping element, if defined, must be included within the servlet element.
4. The web-app element must include the servlet element.

A : 1. In the DD the elements in the web-app element can come in any order.

Q2 : Which of these files is the correct name and location od DD of a web application ?.

Options :

1. \doc-root\dd.xml
2. \doc-root\WEB-INF\dd.xml
3. \doc-root\WEB-INF\web.xml
4. \doc-root\WEB\_INF\web.xml
5. \doc-root\WEB\_INF\dd.xml
6. \doc-root\WEB-INF\lib\web.xml

A : 3. \doc-root\WEB-INF\web.xml

Q3 : The exception-type element specifies an exception type and is used to handle exceptions generated from servlet. Which element of the DD includes the exception-type as a sub-element.

Options :

1. error-page
2. servlet
3. exception
4. error-handling

A : 1. error-page

Q4 : Which element of the DD of a web application includes the welcome-file-list element as a subelement.

Options :

1. web-app
2. welcome-file
3. servlet
4. file-list

A : 1. Web-app

Q5 : The root of the DD is named as

Options :

1. web
2. web-app
3. name
4. display name

A : 2. web-app