**Q1 - Web Fragments Ordering :**

Considering the web fragments ordering rules, which statements are true:

Haut du formulaire

1. The <ordering> element can be placed within the web.xmlfile
2. The <ordering> element can be placed within the web-fragment.xml file
3. The <absolute-ordering> element can be placed within the web.xml file
4. The <absolute-ordering> element can be placed within the web-fragment.xml file
5. The only possible elements of <ordering> are <after>, <before> and <priority>
6. The only possible elements of the <after> element are <name> and <others>
7. If there are no <ordering> nor <absolute-ordering> elements defined in web.xml and web-fragment.xml, the order of web fragments scanning is unspecified

**Q2 - Metadata-complete in Web Fragments and Web.xml:**

Choose statements that are true about the metadata-completeattribute of <web-app> element in web.xml?

Haut du formulaire

1. This attribute is of a boolean type which takes true/false values only
2. This attribute can define if the container should scan for web-fragments.xml to create final Deployment Descriptor
3. This attribute can define if the container should scan and process the new Servlets 3.0 annotations like @WebServlet, etc.
4. This attribute is purely informational and does not affect how container processes the final Deployment Descriptor
5. There is no attribute metadata-complete, but <metadata-complete> element within the <web-app>

**Q3 - Web Fragments Scanning**

What will be the order in which the container will scan and combine web fragments to form the effective Deployment Descriptor (attributes for <web-app> and <web-fragment> intentionally omitted; assume the default values):

**web.xml**

<web-app metadata-complete="true">

<absolute-ordering>

<name>Fragment 1</name>

<name>Fragment 2</name>

</absolute-ordering>

</web-app>

**web-fragment.xml**

<web-fragment>

<name>Fragment 1</name>

<ordering>

<after>Fragment 2</after>

</ordering>

</web-fragment>

**web-fragment.xml**

<web-fragment>

<name>Fragment 2</name>

</web-fragment>

Haut du formulaire

1. web.xml, Fragment 1, Fragment 2
2. web.xml, Fragment 2, Fragment 1
3. Fragment 1, Fragment 2, web.xml
4. Fragment 2, Fragment 1, web.xml
5. web.xml
6. At least one of the above Deployment Descriptors is invalid and will thrown a runtime exception

### Q5 - Web Fragments Scanning

What will be the order in which the container will scan and combine web fragments to form the effective Deployment Descriptor (attributes for <web-app> and <web-fragment> intentionally omitted; assume the default values):

**web.xml**

<web-app>

<absolute-ordering>

<name>Fragment 2</name>

</absolute-ordering>

</web-app>

**web-fragment.xml**

<web-fragment>

<name>Fragment 1</name>

</web-fragment>

**web-fragment.xml**

<web-fragment>

<name>Fragment 2</name>

</web-fragment>

Haut du formulaire

1. web.xml, Fragment 1, Fragment 2
2. web.xml, Fragment 2, Fragment 1
3. Fragment 1, Fragment 2, web.xml
4. Fragment 2, Fragment 1, web.xml
5. web.xml
6. web.xml, Fragment 1
7. web.xml, Fragment 2
8. At least one of the above Deployment Descriptors is invalid

**Q6 - Private and Public Resources**

Consider the following testJar.jar structure:

/index0.html

/resources/index1.html

/META-INF/index2.html

/META-INF/resources/index3.html

Assume that this testJar.jar is placed under the "myApp" web application WEB-INF/lib directory.

Which statements are true:

Haut du formulaire

1. The resource index0.html is accessible by /myApp/index0.html request invocation
2. The resource index0.html is accessible by /myApp/testJar/index0.html request invocation
3. The resource index1.html is accessible by /myApp/testJar/resources/index1.html request invocation
4. The resource index1.html is accessible by /myApp/resources/index1.html request invocation
5. The resource index2.html is accessible by /myApp/testJar/index2.html request invocation
6. The resource index2.html is accessible by /myApp/index2.html request invocation
7. The resource index3.html is accessible by /myApp/testJar/resources/index3.html request invocation
8. The resource index3.html is accessible by /myApp/index3.html request invocation

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