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IBM WebSphere Portal 7.0 Solution Development

Version 13.5

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Topic 1, Volume A

QUESTION NO: 1

The IBM Lotus Connections portlets provide access to collaboration and social networking features from Lotus Connections, such as Activities and Blogs. Which portlets are available from the built-in Lotus Connections portlets package?

- A. Activities, Blogs, Bookmarks, Connections, Profiles
- B. Activities, Blogs, Bookmarks, Connections, Profiles, Ratings
- C. Activities, Blogs, Bookmarks, Tag cloud, Profiles
- D. Activities, Blogs, Bookmarks, Profiles, Ratings

Answer: C

QUESTION NO: 2

Aside from normal steps for deploying portlets to a page, what additional step, if any, is necessary to configure a portlet using the Struts MVC framework and a portlet using the JavaServer Faces framework to the same portal page?

- A. Server-side aggregation must be forced on a page
- B. Both portlets must comply with the JSR286 Portlet Specification
- C. No additional steps are required
- D. Framework JAR files must be added to WebSphere Application Server shared libraries

Answer: C

QUESTION NO: 3

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A customer has requirements to remotely search user profiles based on attributes of the profile using web services. How can this task be accomplished in WebSphere Portal?

- A. By means of the remote portal search service
- B. By means of the remote PUMA SPI REST service
- C. By means of the remote virtual member manager service
- D. By means of the user repository APIs and wrap web services around API calls.

Answer: B

QUESTION NO: 4

Which option best describes how JSR 286-compliant portlets and widgets interact with each other?

- A. Portlets and widgets cannot interact with each other.
- B. Widgets and portlets can interact by using shared render parameters and events.
- C. Widgets and portlets can interact by using shared render parameters.
- D. widgets and portlets can interact by using events.

Answer: B

QUESTION NO: 5

John has developed a custom step-up handler. He has implemented the two methods `init()` and `establishAuthLevel()` of the `StepUpAuthHandler` interface. What is the outcome of the method `establishAuthLevel()` returning null?

- A. A null pointer exception is thrown.
- B. The browser is redirected to the portal login page.
- C. The browser displays the HTTP error 403 Forbidden.

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D. The authentication level is assumed to be successfully established.

Answer: D

QUESTION NO: 6

What best describes the portal model REST services that are now offered with WebSphere Portal V7.0?

- A. Portlet model, content model, navigational model
- B. Portlet model, content model, navigational model, wire model
- C. Portlet model, content model, navigational model, user profile
- D. Layout model, portlet model, content model, navigational model, wire model, user profile

Answer: D

QUESTION NO: 7

IBM Rational Application Developer provides an easy-to-use wizard for creating portlets. What options best describes the portlet types that you can use while creating JSR 286-compliant portlets?

- A. Basic, Empty, and Faces
- B. Basic, Faces, and IBM Struts Portlet Framework
- C. Basic, Faces, and Spring Portlet MVC Framework
- D. Faces, IBM Struts Portlet Framework, and Spring Portlet MVC Framework

Answer: A

QUESTION NO: 8

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Which of the following statements is NOT a functionality provided by IBM Rational Application Developer?

- A. Wizards for creating portlets and portlet applications
- B. WebDav client for working with Page Builder 2 theme
- C. Ability to deploy portlets on a local WebSphere Portal server
- D. Ability to deploy portlets on a remote WebSphere Portal server

Answer: B

QUESTION NO: 9

Which of the following options is not a valid Java 5 annotation tag defined by the Java Portlet Specification?

- A. @ProcessEvent(qname=<event name>)
- B. @ServeResource(name=<resource name>)
- C. @RenderMode(name=<portlet mode name>)
- D. @ProcessAction(name=<action name>)

Answer: B

QUESTION NO: 10

Which variables are defined by the defineObjects tag when used on a JSP page included within the render method?

- A. portletRequest, portletResponse, portletConfig, portletSession, portletPreferences, portletPreferencesValues
- B. renderRequest, renderResponse, renderConfig, renderSession, renderPreferences

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C. renderRequest, renderResponse, portletConfig, portletSession, portletSessionScope, portletPreferences, portletPreferencesValues

D. request, response, portletConfig, portletSession, portletPreferences

Answer: C

QUESTION NO: 11

Usha has developed a JSR-286 compliant portlet. She wants to use it on a WSRP producer so that it can be consumed by a remote portal server. What changes if any should be made?

A. She must set the enable WSRP portlet initialization parameter to true in the portlet.xml file.

B. She should change her portlet class to implement ServiceDescription and Markup interface.

C. She does not have to make any changes.

D. She should change her portlet class to implement ServiceDescription, Markup, Registration and PortletManagement interface.

Answer: C

QUESTION NO: 12

What are the methods defined by the JSR 286 javax.portlet.Portlet interface?

A. init(), processAction(), doView(), destroy()

B. init(), processAction(), doView(), processEvent(), serveResource(), destroy()

C. init(), processAction(), render(), processEvent(), serveResource(), destroy()

D. init(), processAction(), render(), destroy()

Answer: D

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QUESTION NO: 13

PreferencePortlet is Portlet Specification 2.0-compliant and the system is running WebSphere Portal V7.0. What is the output of the following code?

```
public PreferencePortlet extends GenericPortlet{
    protected void processAction(ActionRequest actionRequest, ActionResponse){
        actionRequest.getPreferences().setValue("test?viewModePreferenceValue?");
        actionRequest.getPreferences().store();
    }
    protected void doView(RenderRequest renderRequest, RenderResponse renderResponse) throws PortletException, IOException {
        // Generate action URL
    }
}
```

- A. The container throws java.lang.IllegalStateException because it is not allowed to change preferences in the processAction() method.
- B. The code compiles and executes fine. It stores a "test" preference at the end of the processAction() method call.
- C. The container throws javax.portlet.ReadOnlyException because it is only allowed to view preferences in the processAction() method.
- D. This code results in a compiler error because PortletPreference does not have the store() method.

Answer: B

QUESTION NO: 14

The Java Portlet Specification PLT.C appendix defines the Cascading Style Sheet classes for a variety of logical units in the markup. It follows the styles defined by the OASIS Web Services for Remote Portlets Technical Committee. What is the prefix used for the name of the CSS classes defined in this appendix?

- A. css- (for example css-font, css-form-field, css-table-body)
- B. wsrp- (for example wsrp-font, wsrp-form-field, wsrp-table-body)
- C. portal- (for example portlal-font, portal-form-field, portal-table-body)
- D. portlet- (for example portlet-font, portlet-form-field, portlet-table-body)

Answer: D

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QUESTION NO: 15

Evan wants to develop a portlet to act as a target using Click-to-Action. He wants to develop a client-side click-to-action handler. Which best describes the ways that he can get the source data submitted by the source portlet?

- A. He can retrieve the source form and the input inside from the page Document Object Model.
- B. He can retrieve the source data from the window.ibm.portal.c2a.event.value global variable.
- C. Either of the above.
- D. None of the above.

Answer: C

QUESTION NO: 16

The following section of a portlet deployment descriptor defines the cache setting for a portlet:

```
<expiration-cache>300</expiration-cache>  
<cache-scope>private</cache-scope>
```

What is the meaning of this cache definition?

- A. The content should be cached for 300 seconds and must not be shared across users.
- B. The content should be cached for 300 milliseconds and must not be shared across users.
- C. The content should be cached for 300 seconds and can be shared across users.
- D. The content should be cached for 300 milliseconds and can be shared across users.

Answer: A

QUESTION NO: 17

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Given the following code in the portlet.xml file, what line of code returns the value of the "test" init-param.

```
...  
<portlet-class>MyPortlet</portlet-class>  
  <init-param>  
    <name>test</name>  
    <value>test_init_parameter</value>  
  </init-param>  
...
```

- A. renderRequest.getInitParameter("test");
- B. renderRequest.getPortalContext().getInitParameter("test");
- C. portletConfig.getInitParameter("test");
- D. renderResponse.getInitParameter("test");

Answer: C

QUESTION NO: 18

What is Enabler API used for?

- A. You can use it only for manipulating user preferences on the client side.
- B. You can use it only for manipulating user profiles on the client side.
- C. You can use it only for manipulating user profiles and portlet preferences.
- D. You can use it for working with portlet preferences, user profiles, and the portlet state including the portlet mode, the window state, and so on.

Answer: D

QUESTION NO: 19

The following code shows a section of a portlet deployment descriptor defining a user attribute:

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```
<user-attribute>  
  <description>User Last Name</description>  
  <name>user.name.family</name>  
</user-attribute>
```

Under which element is this section located inside the deployment descriptor?

- A. <portlet>
- B. <portlet-app>
- C. <user-attributes>
- D. <container-runtime-option>

Answer: B

QUESTION NO: 20

Which of the following statements is true?

- A. Changing state of the portlet is not allowed during the serveResource() method.
- B. You can change portlet mode and window state during the serveResource() method.
- C. You can set new render parameters during the serveResource() method.
- D. You can set portlet preferences during the serveResource() method.

Answer: D

QUESTION NO: 21

Which of the following options is an advantage of using JSR 286 events over public render parameters or application_scope session attributes?

- A. A user can bookmark the URL with the event information.