



Exam : 000-399

Title : IBM WebSphere Portal V5.1 Application
Development

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QUESTION 1:

A Certkiller .com developer is using Rational Application Developer Portal Tools to troubleshoot a portlet application on a remote server. Which log file directory would be the BEST place to begin looking for reasons why the portlet application is having a problem?

- A. The remote WebSphere Application Server log file directory.
- B. The remote WebSphere Portal log file directory.
- C. The Rational Application Developer console log file directory.
- D. The Rational Application Developer runtime log file directory.

Answer: B

QUESTION 2:

A JSP developer specifies an action URL that targets a JSR 168 portlet's doEdit() handler. Which of the following elements is MOST accurate?

- A. <portletAPI:renderURL portletMode="edit">
- B. <portlet:actionURL portletMode="edit">
- C. <portletAPI:actionURL mode="edit">
- D. <portlet:renderURL mode="edit">

Answer: B

QUESTION 3:

Which of the following types of credentials allows a portlet to extract a single secret?

- A. SimplePassiveCredential
- B. UserPasswordPassiveCredential
- C. BinaryCredential
- D. JaasSubjectCredential

Answer: A

QUESTION 4:

A common problem when accessing the data source from the test environment is that an error about naming is indicated. What is the MOST likely cause of the problem?

- A. The database configuration did not include this datasource name.
- B. No datasource has been created.
- C. The datasource has insufficient client access rights to the database.

D. The datasource configured container authentication alias has insufficient access privileges.

Answer: B

QUESTION 5:

When the WebSphere Portal V5.1 Test Environment server fails on startup on a Windows environment, which file location would be the MOST likely file to have information useful to A Certkiller .com developer? Assume that all defaults were taken for product installation locations.

- A. \PortalToolkit\runtime\portal_v51\log
- B. \Portal51UTE\PortalServer\log
- C. \runtimes\portal_v50\log\
- D. \Rational\portal_v50\log

Answer: C

QUESTION 6:

Transient application data that is specific to a user interacting with a specific portlet should be maintained in which object?

- A. PortletApplicationSettings
- B. PortletRequest
- C. PortletSession
- D. PortletData

Answer: C

QUESTION 7:

Rational Application Developer V6.0 can be installed on all of the following Operating Systems, EXCEPT:

- A. Windows 2003
- B. Windows NT
- C. Windows XP
- D. Linux

Answer: B

QUESTION 8:

What type of object is returned from the JNDI lookup when accessing a portlet service?

- A. PortletService
- B. PortletServiceProvider
- C. PortletServiceHome
- D. PortletServiceFactory

Answer: C

QUESTION 9:

Which of the following would BEST be packaged as a portlet service?

- A. A service to be used by many portlets in an application
- B. A service to be used by multiple J2EE modules within the enterprise
- C. A service of general use to many portlet applications
- D. A service whose interface evolves regularly

Answer: C

QUESTION 10:

A team of developers must improve Portal layout and navigational features. What tool in Rational Application Developer V6.0 should they use?

- A. Portlet Designer
- B. Page Designer
- C. Portal Designer
- D. Customization Designer

Answer: C

QUESTION 11:

Which of the following is valid about portlet testing in a development environment?

- A. Portal Test Environment with WebSphere Portal V5.1 installs complete WebSphere Portal code for testing portlets.
- B. Portlet Toolkit supports testing against WebSphere Portal V5.1, WebSphere Portal V 5.0.2.2 and WebSphere Portal V 5.0.2.
- C. When defining a remote (server attach) server for testing, debugging, or profiling a portlet project, the server must be created and configured.
- D. Remote Server attach configurations do not support auto deployments of Portlets from Rational Application Developer V6.0.

Answer: C

QUESTION 12:

A client is using Internet Explorer 5 with locale set to English (United States). Which of the following is the first location the portlet will search for the JSP "myfile.jsp"?

- A. /mypath/html/en/ie5/myfile.jsp
- B. /mypath/html/en_US/ie/myfile.jsp
- C. /mypath/html/ie5/en/myfile.jsp
- D. /mypath/html/ie5/en_US/myfile.jsp

Answer: D

QUESTION 13:

In order to support multiple Struts portlets in a single Web application, which of the following parameters has to be set to true?

- A. NamescopePortletContext
- B. NamescopeServletContext
- C. NamescopeSessionContext
- D. NamescopeApplicationContext

Answer: B

QUESTION 14:

A JSR 168 portlet developer would encode an image URL by calling a method on the:

- A. PortletRequest object
- B. PortletResponse object
- C. PortletContext object
- D. PortletLocale object

Answer: B

QUESTION 15:

By default, for JSR 168 portlets, the Property Broker is expecting the action name to be delivered via a parameter named which of the following, if named at all?

- A. The value of the required actionParamName property.
- B. The fully qualified type of the property being sent.
- C. com.ibm.portal.propertybroker.action
- D. No action name is associated with JSR 168 portlets.

Answer: C

QUESTION 16:

Which of the following configuration parameters must be set to true to allow a task processing portlet to retrieve task properties?

- A. com.ibm.portal.taskcontext.enable
- B. com.ibm.portal.pagecontext.enable
- C. com.ibm.wps.portlet.action.redirect
- D. com.ibm.wps.portlet.pagesession.enable

Answer: B

QUESTION 17:

Which of the following is valid about WebSphere Portal V5.1 Test environment?

- A. After installing WebSphere Portal V5.1 Test environment from the InstallShield, A Certkiller .com developer cannot deploy to it from within the Rational Application Developer.
- B. WebSphere Portal V5.1 Test environment is automatically available after installing Rational Application Developer V6.0.
- C. WebSphere Portal Test Environment is not provided by the WebSphere Portal V5.1 installation CDs.
- D. No configuration settings need to be made in Rational Application Developer V6.0 for WebSphere Portal V5.1 Test environment to work.

Answer: A

QUESTION 18:

A portlet whose preferences have been modified, restores the preferences back to their default values. According to the JSR 168 specification, what does the portlet do to restore the defaults?

- A. In the view mode, the portlet calls the reset method on the PortletConfig object.
- B. During a processAction invocation, the portlet calls the reset method on the PortletPreferences object.
- C. During the portlet initialization, the portlet calls the reload method on the PortletPreferences object.
- D. After a processAction invocation, the portlet calls the reset method on the PortletResponse object.

Answer: B

QUESTION 19:

Which of the following describes the lifecycle of a JSR 168 portlet?

- A. A portlet is initialized from a pool of entity portlets; a service method is used to render the portal content; the portlet is remove from service and made available to the cache pool; the pool is purged when the portal terminates.
- B. The portlet is initialized; the processAction method is called to perform any action processing; the render method is called to render content; the destroy method is called when the portlet is to be removed from service.
- C. A portlet is initialized; a service method is called to perform method invocation; the pageBegin method is called to handle the page header information; when the portal terminates the portlet is destroyed.
- D. A portlet is initialized inside the portal; a service method calls the do View method and other subsequent calls; the portlet is removed and destroyed

Answer: B

QUESTION 20:

The elements of a portlet application consisting of multiple portlets:

- A. Are all contained within JAR files.
- B. Must be within a single WAR file.
- C. Must be contained within separate portlet WAR files.
- D. Can be within one or more WAR files.

Answer: B

QUESTION 21:

A Certkiller .com developer has created source and target cooperative JSR 168 portlets. In order to wire the portlets in the WebSphere Portal V5.1 Test Environment, the developer needs to do which of the following?

- A. Install the wiring portlet into the WebSphere Portal V5.1 Test Environment.
- B. Test cooperative portlets remotely since this is not supported in the WebSphere Portal V5.1 Test Environment.
- C. Enable the property broker service in the WebSphere Portal V5.1 Test Environment.
- D. Enable base portlets for portal administration and customization in the WebSphere Portal V5.1 Test Environment server properties.

Answer: D

QUESTION 22:

The Personalization resource wizard in Rational Application Developer is used to generate the content spot classes and resource collection classes. If the content spot and resource collection will be used by multiple applications, then those classes should be:

- A. Deployed together with the related portlets in the portlet application WAR file.
- B. Placed in the WebSphere Application Server shared library.
- C. Placed directly in the pzn_root/pzn/v5.1/lib directory.
- D. Uploaded using the Personalization interface.

Answer: B

QUESTION 23:

Which of the following is considered a BEST practice for accessing a datasource from a portlet application?

- A. Use a portlet service or a connection framework to provide access to the datasource.
- B. A portlet should only consider accessing a datasource during the render phase.
- C. A portlet should only consider accessing a datasource during the processAction phase.
- D. Whenever a portlet is accessing a datasource, portlet caching should be enabled.

Answer: A

QUESTION 24:

How could a JSR 168 portlet's doHelp(PortletRequest request, PortletResponse response) method obtain a list of locales for which the portal will accept content for a request?

- A. response.getLocale();
- B. response.getLocales();
- C. request.getLocale();
- D. request.getLocales();

Answer: D

QUESTION 25:

Which of the following is the MOST accurate way to include a parameter in an action request from within a JSP?

- A. <portlet:actionURL> <portlet:param name="action" value="editStocks"/></portlet:actionURL>
- B. <portlet:actionURL param="action" value="editStocks"> </portlet:actionURL>
- C. <portlet:actionURL>


```
<portlet:param><name>action</name><value>editStocks</value></portlet:param>
</portlet:actionURL>
D. <portlet:actionURL id="edit"/> <portlet:param refid="edit" name="action"
value="editStocks"/>
```

Answer: A

QUESTION 26:

Which of the following statements is valid about debugging portlets locally?

- A. During the debugging phase, when the portlet name is changed, the server does not need to be restarted.
- B. If breakpoints are set in the code and one of them is hit, it will automatically open the code in Debug perspective.
- C. When a portlet is debugged on the local test environment server, the default theme and skin are used.
- D. When defining a local test environment for testing, debugging, or profiling a portlet project, the server does not need to be created and configured.

Answer: C

QUESTION 27:

A global wire defines a property delivery contract between two specific portlets:

- A. For all common property types shared by the two portlets.
- B. For all common property types shared by the two portlet entities on the specified portal page.
- C. For the named property type shared by the two portlet entities on the specified portal page.
- D. For the named property type on the specified page for the user who created the wire.

Answer: C

QUESTION 28:

Why are the HTML elements, <html> and <body>, NOT used for writing portlet markup?

- A. WebSphere Portal does not support <html> and <body> elements.
- B. The theme's Cascading Style Sheets (CSS) make the <html> and <body> elements useless.
- C. Aggregated portlets share a page defined by theme <html> and <body> elements.
- D. A portlet uses <portalHtml> and <portalBody> markup.

Answer: C

QUESTION 29:

Refer to the exhibit to answer the question. A JSP contains the JSTL markup as shown in the exhibit. Which of the following is MOST accurate to set the text stipulated by "head089" into the <h1> markup?

Exhibit:

```
<%@ taglib prefix="fmt" uri="WEB-INF/tld/fmt.tld" %>
<fmt:setBundle basename="nls.headings"/>
<h1> </h1>
```

- A. <h1><fmt:out value='\${head089}'/></h1>
- B. <h1><fmt:resource key="\${head089}"/></h1>
- C. <h1><fmt:message key="head089"/></h1>
- D. <h1><fmt:heading="head089"/></h1>

Answer: C

QUESTION 30:

How can a JSR 168 portlet determine the MIME type of file "/WEB-INF/hello.wav"?

- A. String mimeType = getPortletContext().getMimeType("/WEB-INF/hello.wav");
- B. String mimeType = getPortletContext().getMimeTypeAsString("/WEB-INF/hello.wav");
- C. String mimeType = getPortletContext().getResourceType("/WEB-INF/hello.wav");
- D. String mimeType = getPortletContext().getResourceMimeType("/WEB-INF/hello.wav");

Answer: A

QUESTION 31:

A Certkiller .com developer needs to test and debug a JSR 168 portlet running on a remote WebSphere Portal 5.1 server. What steps are needed to prepare the remote server before the developer can use Rational Application Developer to test and debug?

- A. The debug mode and parameters need to be set in WebSphere Portal Administration and WebSphere Portal needs to be restarted.
- B. The debug mode and parameters need to be set in WebSphere Application Server Administrative Console and WebSphere Portal needs to be restarted.
- C. The debug mode and parameters need to be set in wpconfig.properties and WPSconfig, the WebSphere Portal configuration task, needs to be run.
- D. The portal.enable.jsr168 must be set to true in ConfigService.properties and

WebSphere Portal needs to be restarted.

Answer: B

QUESTION 32:

Using the Rational Application Developer 6.0 New Portlet wizard, how can A Certkiller .com developer BEST specify the base Java package for a new portlet?

- A. Invoke the New Portlet wizard on a portlet project, and then rename the portlet after the wizard completes.
- B. Invoke the New Portlet wizard on a portlet project, enable "Change code generation options", and then supply the package name in the "Package prefix" field.
- C. Create the base package in the portlet project, then select it when the New Portlet wizard prompts for the package name.
- D. Create the base package in the portlet project, then invoke the New Portlet wizard on that package.

Answer: B

QUESTION 33:

A JSP for a JSR 168 portlet has a hyperlink to another JSP within the portlet that is used to send an email. Which of the following markups is MOST accurate for the link?

- A. `<a href="<portlet:renderURL> <portlet:param name="jsp2" value="contactUs"/></portlet:renderURL>">Contact us`
- B. `<a href="<portlet:actionURL> <portlet:param name="jsp2" value="contactUs"/></portlet:actionURL>">Contact us`
- C. `<a><portlet:renderURL> <portlet:param name="jsp2" value="contactUs"/></portlet:renderURL>Contact us`
- D. `<a><portlet:actionURL> <portlet:param name="jsp2" value="contactUs"/></portlet:actionURL>Contact us`

Answer: A

QUESTION 34:

The tag used to cycle through navigation nodes (wpsNavNode) and children is:

- A. wps:navigationPage
- B. wps:navigationNext
- C. wps:navigationLoop
- D. wps:pageShift

Answer: C

QUESTION 35:

A Certkiller .com developer needs to export a portlet from a portal installation so that a collaborative world-wide team can test it. What is the BEST out-of-box option that the developer can choose to export this Portlet?

- A. Use Export XML Portlet
- B. Use Upload and Export Portlet
- C. Manage Pages Portlet
- D. Copy and Paste the Portlet across machines

Answer: C

QUESTION 36:

Which are the standard modes specified by the JSR 168 Specification?

- A. View, Edit, Help
- B. Configure, View, Edit
- C. Help, View, Configure
- D. View, Debug, Help

Answer: A

QUESTION 37:

According to the JSR 168 specification, when can portlets programmatically change their window state, if at all?

- A. Only in NORMAL mode
- B. When processing an action request
- C. When processing a render request
- D. Portlets can never programmatically change their window states.

Answer: B

QUESTION 38:

A JSF managed bean is bound to an SDO (Service Data Objects)? What is the effect of changes made by an end user to the corresponding values in the UI component(s)?

- A. The update may be persisted through the SDO mediator by application code during the Invoke Application JSF request phase.
- B. The update is persisted through the SDO mediator automatically during the Invoke Application JSF request phase.

- C. The update is persisted through the SDO mediator automatically during the Update Model Values JSF request phase.
- D. The update is persisted through the SDO mediator automatically during the Apply Request Values JSF request phase.

Answer: C

QUESTION 39:

Which of the following actions is required in order to launch the WebSphere Markup Language (WML) device emulator when using WebSphere Portal Test Environment?

- A. Specify WebSphere Markup Language the markup in portlet.xml file
- B. Select "Enable WebSphere Markup Language Setting" option
- C. Enable Transcoding
- D. Enable WebSphere Markup Language Markup

Answer: C

QUESTION 40:

Which of the following portlets make up the Personalization interface?

- A. Personalization Mappings, Personalization Collections, Personalization Editor
- B. Personalization Navigator, Personalization Editor, Personalized List
- C. Personalization Campaigns, Personalization Editor, Personalized List
- D. Personalization Authoring, Personalization Collections, Personalized List

Answer: B

QUESTION 41:

When a Data Transfer Object is obtained in the action processing phase of a portlet action, what is the BEST scope to use to deliver this object to the portlet's render phase?

- A. Render parameter
- B. Request attribute
- C. Portlet session
- D. Portlet preference

Answer: A

QUESTION 42:

The Profiling Tools of Rational Application Developer enables A Certkiller .com developer to do which of the following?

- A. Set breakpoints and step through code, but requires that the Rational Agent Controller be installed and running.
- B. Set breakpoints and step through code, but does NOT require the Rational Agent Controller.
- C. Pinpoint performance and memory usage problems, but requires that the Rational Agent Controller be installed and running.
- D. Pinpoint performance and memory usage problems, but does NOT require the Rational Agent Controller.

Answer: C

QUESTION 43:

A Certkiller .com developer is testing a new JSR 168 portlet and noticed the portlet title is misspelled. A resource bundle is NOT defined for portlet information in the deployment descriptor. Which file does the developer need to edit to change the portlet title?

- A. control.jsp
- B. default.jsp
- C. portlet.xml
- D. web.xml

Answer: C

QUESTION 44:

What is the result when the WebSphere Portal V5.1 global setting "Enable transcoding of portlet content" is NOT set?

- A. Only those portlets that specify transcoding will have it enabled.
- B. A portlet will not have transcoding enabled regardless of its individual setting.
- C. An override within portal.xml for a particular portlet will enable transcoding for a given portlet.
- D. The portal will not start if any portlet has transcoding specified.

Answer: B

QUESTION 45:

A portlet title for Portlet A has been defined as "Portlet A" in a JSR 168 portlet deployment descriptor. For the same portlet, a portlet title of "Portlet B" has also been defined in a resource bundle that has been correctly coded in the portlet deployment descriptor. What will be shown as the rendered portlet title?

- A. "Portlet A"

- B. "Portlet B"
- C. Neither "Portlet A" or "Portlet B"
- D. "Portlet A" and "Portlet B"

Answer: B

QUESTION 46:

What type of credential slot would A Certkiller .com developer choose in order to share the credential secret amongst all users and portlets?

- A. Public Credential
- B. Shared Credential
- C. System Credential
- D. Global Credential

Answer: C

QUESTION 47:

When dropping Service Data Objects (SDO) onto a JSP from the palette view in Rational Application Developer, which of the following steps will the corresponding wizard NOT present to the developer?

- A. Choose the operation to be performed on the underlying business object.
- B. Choose the elements to be included in the data transfer object.
- C. Select or configure a connection.
- D. Select a (set of) initial UI components to use to interact with the data object.

Answer: C

QUESTION 48:

A portlet application displays read only, time sensitive data. In which portlet method should the data source that provides this data be accessed?

- A. doView()
- B. doEdit()
- C. processAction()
- D. init()

Answer: A

QUESTION 49:

According to the JSR 168 specification, the ActionResponse object that is passed to the

processAction() method has the ability to do which of the following?

- A. Change the portlet title.
- B. Change the window state and the portlet mode of the portlet.
- C. Change the skin of the portlet.
- D. Generate output by writing to the OutputStream or the Writer of the ActionResponse object.

Answer: B

QUESTION 50:

A JSR 168 portlet JSP has an <input type="submit" ..> element. It is used to notify the portlet that an item should be added to a list held in the portlet session. Which is a CORRECT form action attribute?

- A. <form action="<portlet:renderURL/>" ...
- B. <form action="<portlet:renderAction />" ...
- C. <form action="<portlet:actionURL />" ...
- D. <form action="<portlet:processAction />" ...

Answer: C

QUESTION 51:

A portlet needs to persist a small amount of information about a user so it can restore it the next time the user logs in. According to the JSR 168 specification, what object will be used to store the user's information?

- A. PortletConfig
- B. PortletSession
- C. PortletPreferences
- D. PortletSettings

Answer: C

QUESTION 52:

A Certkiller .com developer group has two years of J2EE and JSP experience. In order to be able to develop portlets, their learning effort will be fairly low because:

- A. Everything in portlet development follows J2EE standards.
- B. Portlets are derived from EJB's and all the concepts of J2EE apply.
- C. Portlet development is exactly like servlet development.
- D. Portlets do not use any design patterns and break the concept of J2EE in various aspects.

Answer: A

QUESTION 53:

Which statement BEST describes a portlet mode?

- A. A portlet mode advises the portlet on what task it should perform and what content it should generate.
- B. A portlet mode indicates the amount of portal page space that will be assigned to the content generated by a portlet.
- C. A portlet mode provides the portlet object with information to be used during initialization.
- D. A portlet mode manages the well-defined life cycle of a portlet and defines how the portlet is loaded, instantiated and initialized.

Answer: A

QUESTION 54:

A portlet may use a PortletRequestDispatcher object only when:

- A. Executing the processAction method of the Portlet interface.
- B. Executing the render method of the Portlet interface.
- C. The portlet needs access to the servlet RequestDispatcher's forward method.
- D. In the processAction method to forward the request and response to the render method.

Answer: B

QUESTION 55:

A JSR 168 portlet has a property file located at /WEB-INF/app.properties. Which of the following statements will return an open input stream for the file when used within that portlet?

- A. `response.encodeURL("/WEB-INF/app.properties");`
- B. `request.encodeURL("/WEB-INF/app.properties");`
- C. `getPortletContext().getResource("/WEB-INF/app.properties");`
- D. `getPortletContext().getResourceAsStream("/WEB-INF/app.properties");`

Answer: D

QUESTION 56:

According to the JSR 168 specification, if the window state of the portlet is

"MINIMIZED", the render() method of the "GenericPortlet" class:

- A. Does NOT invoke any of the portlet mode rendering methods.
- B. Does NOT invoke any of the portlet mode rendering methods and throws a PortletException.
- C. Invokes the doView(), doEdit() or doHelp() methods.
- D. Invokes the doView(), doEdit() or doHelp() methods and caches the result.

Answer: A

QUESTION 57:

In addition to those defined by Struts 1.1, which of the following tags has the three added attributes (urlType, windowState, validate)?

- A. link
- B. frame
- C. form
- D. html

Answer: C

QUESTION 58:

According to the JSR 168 specification, what is the class name that provides access to the portlet configuration data stored portlet.xml?

- A. PortletData
- B. PortletSettings
- C. PortletPreferences
- D. PortletApplicationSettings

Answer: C

QUESTION 59:

If a user is adding navigation to the same navigation level as My Portal and Administration pages, then the user is adding the navigation to the navigation level 1. Navigation level 1 is provided by which of the following files?

- A. Head.jsp
- B. Default.jsp
- C. ToolBarInclude.jsp
- D. AdminLinkBarInclude.jsp

Answer: C

QUESTION 60:

A Certkiller .com developer gets the following message when starting Rational Application Developer: "Could not restore workbench layout.

Explanation: Problems

occurred restoring workbench". Which action is MOST appropriate for the developer to take?

- A. Restart Rational Application Developer and specify a new directory as the workspace.
- B. Reinstall Rational Application Developer.
- C. Run Rational Application Developer in debug mode.
- D. Start WebSphere Portal first and then start Rational Application Developer.

Answer: A

QUESTION 61:

Which of the following types of active credentials are supplied with the credential vault service?

- A. HTTPFormBasedAuth
- B. JaasSubjectPassive
- C. FTPAuth
- D. JMSAuth

Answer: A

QUESTION 62:

For a web application with multiple Struts portlets, the BEST way to define the initial views of the individual portlets is to specify them:

- A. In the welcome file list in the application's web.xml.
- B. In the viewMode.page preferences attributes in the individual portlet.xml.
- C. As viewMode properties in the actions section in the individual struts-config.xml.
- D. As view attributes in the supports section of the individual portlet.xml.

Answer: B

QUESTION 63:

A Certkiller .com developer must export portal resources from an existing WebSphere Portal V5.0 machine and import to a new WebSphere Portal V5.1 machine. What out-of-the-box portlet capability can the developer use with WebSphere Portal V5.1?

- A. Resource Migration Portlet
- B. Import XML Portlet
- C. Import Resource Portlet
- D. Migrate XML Portlet

Answer: B

QUESTION 64:

Which of the following is the correct usage of the JSR 168 Portlet Tag Library to create a URL that will open the current portlet in edit mode with the window maximized?

- A. `<portlet:renderEditURL> <portlet:windowState>maximized</portlet:windowState>
</portlet:renderEditURL>`
- B. `<portlet:renderURL> <portlet:windowMode>edit</portlet:windowMode>
<portlet:windowState>maximized</portlet:windowState> </portlet:renderURL>`
- C. `<portlet:renderEditURL windowState="maximized"/>`
- D. `<portlet:renderURL portletMode="edit" windowState="maximized"/>`

Answer: D

QUESTION 65:

A Certkiller .com developer created a portlet that uses a datasource to access data in a relational database. It was tested successfully in the WebSphere Portal V5.1 Test Environment. However, the portlet fails after being deployed in an external WebSphere Portal 5.1 Server. The logs show a "javax.naming.NameNotFoundException" when accessing the database. Which of the following is the MOST likely reason for this to happen?

- A. The database has not been started or is not available.
- B. The database datasource was not defined in the WebSphere Application Server Administrative console.
- C. The database datasource was not defined in WebSphere Portal Administration.
- D. The JDBC drivers are not specified in the JVM classpath.

Answer: B

QUESTION 66:

A Certkiller .com developer is using the WebSphere Portal V5.1 Test Environment and notices that a JSR 168 portlet title needs to be changed. A portlet information resource bundle is NOT defined in the deployment descriptor. The title is updated in the deployment descriptor and the portlet is re-tested, but the title change is not displayed. What needs to be done to display this change?

- A. A resource bundle needs to be defined in the portlet.xml and contain the portlet title.
- B. The portlet title needs to be updated in the web.xml and the WebSphere Portal V5.1 Test Environment needs to be restarted.
- C. The developer needs to make certain that the property reloadingEnabled is set to true in the ibm-web-ext.xmi file.
- D. The developer needs to make certain that the WebSphere Portal V5.1 Test Environment is restarted.

Answer: D

QUESTION 67:

For portal business processes that should be processed within portal, what is used to lookup the task page definition at runtime?

- A. Client UI identifier
- B. Process Template Name
- C. Task instance object identifier (CKIID)
- D. Staff activity identifier

Answer: A

QUESTION 68:

Which of the following items could be found within a portlet deployment descriptor?

- A. Custom-portlet-state
- B. Custom-window-mode
- C. Supports
- D. Supported-language

Answer: C

QUESTION 69:

Which of the following is the correct RenderResponse method signature to create an action URL?

- A. createRenderAction(ActionEvent ae);
- B. createActionUrl();
- C. createRenderUrl()
- D. createRenderUrl(ActionEvent ae);

Answer: B

QUESTION 70:

Which of the following statements is valid with respect to debugging using Rational Application Developer?

- A. Personalized portlet applications can only be tested remotely.
- B. Debugging allows developers to set breakpoints in the Java source code but not JSP files.
- C. Debugging requires that the Rational Agent Controller be installed and running.
- D. Multiple clients can concurrently debug using the same remote WebSphere Portal server.

Answer: A

QUESTION 71:

According to the JSR 168 specification, if the client request is triggered by an action URL, the portal/portlet-container MUST invoke the processAction() method:

- A. Of all the portlets on the portal page, wait until all the action requests finish, then invoke the render() method for all the portlets on the portal page.
- B. Of the targeted portlet, wait until the action request finishes, then prepare for the client request render URL.
- C. Of the targeted portlet, wait until the action request finishes, then invoke the render() method for all the portlets on the portal page.
- D. For all the portlets on the portal page, wait until all the action requests finish, then prepare for the client request render URL.

Answer: C

QUESTION 72:

What is the supported version for WebSphere Application Server that is REQUIRED for WebSphere Portal 5.1?

- A. IBM WebSphere Business Integration Server Foundation V5.1.1 running on WebSphere Application Server V5.1.1.1
- B. IBM WebSphere Business Integration Server Foundation V5.1.1 running on WebSphere Application Server V5.0.1.1
- C. WebSphere Application Server V5.1
- D. WebSphere Application Server V6.0

Answer: A

QUESTION 73:

What types of logging are supported by WebSphere Portal?

- A. Logging of events and debugging messages called traces
- B. Logging of messages and debugging messages called traces
- C. Logging of messages and events
- D. Logging of user activities and events

Answer: B

QUESTION 74:

Rational Application Developer Portal Tools provides which of the following features for debugging a portlet on a remote server?

- A. WebSphere Administrative Console
- B. WebSphere Portal V5.1 Remote Server Deploy
- C. WebSphere Portal V5.1 Server Attach
- D. WebSphere Portal V5.1 Test Environment

Answer: C

QUESTION 75:

According to the JSR 168 specification, how should a portlet change its window state to maximized, if the portlet can only determine the requirement for the window state change after some initial action processing?

- A. During an actionProcess method invocation, use the setWindowState method found on the ActionRequest object.
- B. In the doView mode, use the setWindowState method found on the RenderResponse object.
- C. In the render phase, use the setWindowState method on the RenderRequest object.
- D. During an actionProcess method invocation, use the setWindowState method found on the ActionResponse object.

Answer: D

QUESTION 76:

When looking for resources of a portlet within its WAR file, which of the following is the correct location to find them?

- A. Compiled files within /WEB-INF/src
- B. Included JAR files within /WEB-INF/lib
- C. portal.xml within /META-INF
- D. web.xml within /META-INF

Answer: B

QUESTION 77:

To enable Transcoding technology for all portlets in WebSphere Portal V5.1, the box that must be checked is under the heading:

- A. Transcoding options in Portal Administration | Portal Settings | Global Settings.
- B. Global Settings Transcoding options in Portal Administration | Portal Settings | Transcoding Options.
- C. Portal Settings in Portal Administration | Transcoding Settings | Global Settings.
- D. Portal Settings in Global Settings | Transcoding Settings | Portal Settings.

Answer: A

QUESTION 78:

A Certkiller .com developer needs to use which of the following tags to create a back button in an edit mode page?

- A. <portlet:renderURL portletMode="back"/>
- B. <portlet:renderURL portletMode="view"/>
- C. <portlet:renderURL portletMode="display"/>
- D. <portlet:renderURL portletMode="return"/>

Answer: B

QUESTION 79:

Which of the following is the primary tag library in WebSphere Portal V5.1 that defines the tags that are used to modify the portal navigation in the theme?

- A. portal.tld
- B. engine.tld
- C. portal-internal.tld
- D. portlet.tld

Answer: A

QUESTION 80:

The "New Portlet Project (JSR 168)" Wizard can directly create a JSR 168:

- A. Clipper portlet
- B. Portlet servlet wrapper

- C. Faces portlet
- D. Collaborative portlet

Answer: C

QUESTION 81:

Which of the following elements may be found within a portlet deployment descriptor?

- A. <portlet-param>
- B. <portlet-state>
- C. <portlet-mode>
- D. <portlet-cache>

Answer: C

QUESTION 82:

Which of the following statements are valid regarding credential objects?

- A. Credential objects are serializable.
- B. To create a slot for storing active credentials, set the active parameter of the CredentialVaultService.createSlot method to true.
- C. Passive credential objects hide the credential's secret from the portlet.
- D. Portlets that use active credential objects need to extract the secret from the credential to authenticate with the backend itself.

Answer: B

QUESTION 83:

According to the JSR 168 specification, which is the correct way to get an unmodifiable Map of the user attributes of the user associated with the current request?

- A. response.getAttribute(PortletResponse.USER_INFO);
- B. request.getAttribute(PortletResponse.USER_INFO);
- C. request.getAttribute(PortletResponse.PREFERENCES);
- D. request.getAttribute(PortletResponse.PREFERENCES);

Answer: B

QUESTION 84:

A client is using Internet Explorer Version 5 with the locale set to en_US and the user's skins set to "Shadow". The aggregation component of the portal server will search for the file Control.jsp and use which of the following first?

- A. .../skins/html/Shadow/ie5/en_US/Control.jsp
- B. .../skins/html/Shadow/ie5/en/Control.jsp
- C. .../skins/html/Shadow/Control.jsp
- D. .../skins/html/ie5/en_US/Control.jsp

Answer: A

QUESTION 85:

A Certkiller .com developer has created a portlet that accesses data in a relational database. It was tested successfully in the WebSphere Portal V5.1 Test Environment. However, the portlet fails after being deployed in an external WebSphere Portal V5.1 server. The log shows a "java.lang.ClassNotFoundException" when accessing the database. Which of the following is a likely reason for the failure?

- A. The database has not been started or is not available.
- B. The JNDI name for the datasource is not valid.
- C. The JDBC drivers are not specified in the JVM classpath.
- D. server1 was not started.

Answer: C

QUESTION 86:

A JSR 168 portlet must use which method call to access a portlet service?

- A. PortletContext.getService()
- B. PortletContext.getPortletService()
- C. PortletService.getServiceProxy()
- D. PortletServiceHome.getPortletService()

Answer: D

QUESTION 87:

According to the JSR 168 specification, which of the following states are defined in the WindowState object?

- A. NORMAL, MAXIMIZED, MINIMIZED
- B. EDIT, VIEW, HELP
- C. CONFIG, SOLO, CLOSING
- D. CONFIG, CACHED, NORMAL

Answer: A

QUESTION 88:

According to JSR 168 specification, what is the setRenderParameter or setRenderParameters method of the ActionResponse object within the processAction method used for?

- A. To pass parameters received in an action request to subsequent render requests of the portlet.
- B. To pass the parameters received in an action request to the session objects of the portlet.
- C. To encode the parameters received in an action request so they are available to the response object of the portlet.
- D. To remove the parameters received in an action request for the portlet to process.

Answer: A

QUESTION 89:

In which phase are the Struts Actions triggered within the Portal Struts Framework?

- A. processAction
- B. render
- C. doDispatch
- D. doView

Answer: A

QUESTION 90:

Which of the following approaches is BEST for a Rational Application Developer 6.0 user to create a new WebSphere Portal Theme?

- A. Right-click a portal project and choose New -> Other -> Portal -> Theme.
- B. Right-click a WebSphere Portal server project and choose New -> Example -> Portal -> Theme.
- C. Drag the desired base theme from a WebSphere Portal server to a portal project.
- D. Drag the Portal -> Theme snippet from the Snippets palette to a portal project.

Answer: A

QUESTION 91:

Refer to the exhibit to answer the question. Which of the following statements BEST describes the content in the exhibit?

Exhibit:

```
<portlet-apo>
. .
<user-attribute>
<description>User Given Name</description>
<name>user.name.given</name> </user-attribute>
<user-attribute>
<description>User Last Name</description>
<name>user.name.family</name>
</user-attribute> <user-attribute>
<description>User eMail</description>
<name>user .hemt-info.online.email</name>
<user-attribute>
<user-attribute> <description>Company Organization</description>
<name>user.business-info.postal.organization</name>
</user-attribute>
...
<portlet-app>
```

- A. An xmlaccess script that enables portlets in a portlet application access to userF information.
- B. An ant script used by the web application server to provide a mechanism to expose user information to the portal.
- C. A deployment descriptor of a portlet application that defines user attributes names of the user information the portlet requires access to.
- D. A deployment descriptor of a web application that defines the parameters available to the portal server from the request.

Answer: C

QUESTION 92:

Which of the following approaches is BEST for a Rational Application Developer 6.0 user to create a new WebSphere Portal skin?

- A. Drag the Portal -> Skin snippet from the Snippets palette onto a portal project folder.
- B. Drag the desired base skin from a theme onto a portal project folder.
- C. Right-click a theme and choose New -> Example -> Portal -> Skin.
- D. Right-click a portal project and choose New -> Other -> Portal -> Skin.

Answer: D

QUESTION 93:

To create a custom portlet service, which of the following options list all of the REQUIRED steps?

- A. Define the interface, write the implementation, register the service, deploy the service jar to <WPS_HOME>/shared/app.
- B. Define the interface, write the implementation, register the service, deploy the service

home jar to <WPS_HOME>/shared/app/config/services.

C. Define the interface, write the implementation, deploy the service home jar to <WPS_HOME>/shared/app/config/services.

D. Write the implementation, register the service.

Answer: A

QUESTION 94:

Which of the following HTML elements are acceptable when writing portlet markup?

- A. <body>
- B. <div>
- C. <html>
- D. <head>

Answer: B

QUESTION 95:

Which of the following is valid about downloadable portlets from the Workplace Solutions Catalog?

- A. Portlets available for download are only hosted by the Workplace Solutions Catalog web site.
- B. Portlets available for download follow open standards.
- C. Portlets available for download are free, trial based and fee based.
- D. Portlets available for download are specific to a particular industry.

Answer: C

QUESTION 96:

Which of the following is a valid example of embedding a link to a resource that exists within THIS JSR 168 portlet?

- A. <A href='<%=portletResponse.encodeURL(renderRequest.getContextPath() + "/images/results.gif")%>'>Click here
- B. <A href='<%=portletRequest.encodeURL(renderRequest.getContextPath() + "/images/results.gif")%>'>Click here
- C. <A href='<%=portletResponse.encodeURL(renderResponse.getPortletPath() + "/images/results.gif")%>'>Click here
- D. <A href='<%=portletRequest.encodeURL(renderRequest.getPortletPath() + "/images/results.gif")%>'>Click here

Answer: A

QUESTION 97:

Which of the following is valid about the Workplace Solutions Catalog?

- A. Portlet technology previews developed outside of IBM may be made available through the Workplace Solutions Catalog.
- B. Developers need to download the Rational Application Developer from the Workplace Solutions Catalog.
- C. All portlets on the Workplace Solutions Catalog are available as open source so developers can use the code as a basis for new portlets.
- D. Portlets created by Enterprise Resource Planning (ERP) vendors like J.D. Edwards are available through the Workplace Solutions Catalog.

Answer: D

QUESTION 98:

In the binding section of the Web Services Description Language (WSDL) files used for specifying a portlet's participation with the Property Broker, an action parameter can be bound to all of the following scopes, EXCEPT:

- A. Page attribute
- B. Request attribute
- C. Request parameter
- D. Session attribute

Answer: A

QUESTION 99:

According to the JSR 168 specification, a "Portlet Window" is which of the following?

- A. The window state which can be NORMAL, MINIMIZED, MAXIMIZED.
- B. The window state which can be VIEW, EDIT, HELP, CONFIGURE.
- C. The occurrence of a portlet and a skin in a portal page.
- D. The occurrence of a portlet and preferences-object in a portal page.

Answer: D

QUESTION 100:

For a development environment running on the Windows operating system, which software would be required to successfully build, test and install a portlet application on WebSphere Portal V5.1?

- A. Portal Toolkit
- B. Rational Application Developer
- C. IBM WebSphere Business Integrator Modeler
- D. IBM WebSphere Business Integration Server Foundation

Answer: B

QUESTION 101:

Which of the following troubleshooting actions should be taken when the WebSphere Portal Test environment fails to start on a Windows environment?

- A. In the server configuration, uncheck the "Enable hot method replace in debug mode" checkbox.
- B. Login to Windows as an administrator and run the WebSphere Portal Test environment.
- C. Check the install logs located at \WebSphere\PortalServer\logs\wpsinstalllog.txt.
- D. Check the install logs located at \WebSphere\AppServer\logs\runtime\portal_v50\log\wpsinstalllog.txt.

Answer: B

QUESTION 102:

In the Web Services Description Language (WSDL) for a target cooperative portlet, what is the role of declared output parameters associated with a portlet action?

- A. They correspond to properties that should be propagated to other portlets via the Property Broker.
- B. They correspond to additional target endpoints available in the wiring tool.
- C. They represent return values for the delivered action.
- D. In the current cooperative portlet framework, action output parameters are ignored.

Answer: A