



Exam : 000-348

Title : IBM WebSphere Portal V5, Application
Development

Ver : 12.18.08

QUESTION 1:

If the portal theme were changed to move the navigation region from the left side to the right side of the page, which file should be modified?

- A. Navigation.xml
- B. Navigation.jsp
- C. Default.jsp
- D. Banner.jsp

Answer: C

QUESTION 2:

Which of the following CANNOT be used as an action mode modifier value?

- A. Current
- B. Back
- C. Previous
- D. Requested
- E. Stored

Answer: BE

QUESTION 3:

Using the Portlet API, how can a developer detect the preferred markup of the user's client?

- A. portletRequest.getClient().getMarkup()
- B. portletRequest.getClient().getDevice()
- C. portletRequest.getClient().getMarkupName()
- D. portletRequest.getDevice()

Answer: C

QUESTION 4:

Which of the following is FALSE? The Portlet Preview function:

- A. Provides a dynamic view of a portlet during development. This view presents the portlet running in a WebSphere Portal.
- B. Dynamically rebuilds the portlet application's WAR file when the developer changes resources of the portlet application, and sends the portlet's rebuilt WAR file to the target portal.

- C. Allows multiple developers to run portlets on a single remote server at the same time.
- D. Allows debugging in the preview mode.

Answer: D

QUESTION 5:

For a development environment running on the Windows operating system, which software would be REQUIRED to successfully install, run and test a portlet application?

- A. DB2
- B. Klondike WAP Browser
- C. Portal Toolkit
- D. Lotus Domino Enterprise Server

Answer: C

QUESTION 6:

Which software is NOT included with the standard WebSphere Portal Enable package?

- A. DB2 Database
- B. WebSphere Portlet Toolkit
- C. Cloudscape DB
- D. WebSphere Studio Application Developer

Answer: D

QUESTION 7:

The local debug configuration involves installing:

- A. Portal V5 test environment into the development WebSphere Studio work station.
- B. Portal V5 test environment onto the development machine.
- C. Portal V5 server onto the development machine.
- D. Portal V5 server onto any machine accessible and controllable by the development machine.

Answer: A

QUESTION 8:

The available development environment configurations using the Portal Toolkit includes:

- A. local debug
- B. remote server debug
- C. remote server attach
- D. local server attach

Answer: AC

QUESTION 9:

Assuming that all defaults were taken for product installation locations, which file location would be the MOST likely to have information useful to a developer when the WebSphere Test Environment server fails on startup?

- A. C:\Program Files\WebSphere\AppServer\log\
- B. C:\Program Files\WebSphere\PortalServer\log\
- C. C:\WebSphere\PortalServer\log\
- D. C:\Program Files\IBM\WebSphere Studio\PortalToolkit\runtime\portal_v50\log
- E. C:\Program Files\IBM\WebSphere Studio\runtimes\portal_v50\log

Answer: E

QUESTION 10:

The portal server fails to start and a message is displayed indicating that the server start fails because port 9081 is already in use. This would typically indicate that what had occurred?

- A. A WebSphere Application server has been previously started on the machine and failed.
- B. The machine is corrupted and should be re-booted immediately.
- C. The portal server is already running on that machine.
- D. The developer did not correctly associate the EAR file with the test environment server.
- E. The portlet application should be republished to the test server.

Answer: C

QUESTION 11:

Which version of WebSphere Studio is supported for the Portal Toolkit V5.0?

- A. version 5.0.1
- B. version 5.1
- C. only the specialized version shipped with Portal
- D. version 5.0.0

Answer: A

QUESTION 12:

Which of the following is NOT a supported external authorization security manager for WebSphere Portal V5.0?

- A. IBM Tivoli Access Manager for e-business 4.1 with fix pack 2 installed
- B. Entrust Entelligence Security Provider 7.0
- C. Netegrity SiteMinder 5.0
- D. Netegrity SiteMinder 5.5
- E. RSA ClearTrust 5.5

Answer: BE

QUESTION 13:

Which of the following portlets does NOT come with the WebSphere Portal Version 5.0 Enable Edition?

- A. Siebel ERM
- B. Internet Mailbox Portlet
- C. WorldClock Portlet
- D. Lotus Sametime Portlet
- E. Reminder Portlet

Answer: A

QUESTION 14:

Which of the following is NOT a provided collaborative portlet with Portal V5.0?

- A. Inline QuickPlace
- B. Quick People Browser
- C. Quick Appointment
- D. Lotus Sametime Connect
- E. Domino Web Access (iNotes)

Answer: B

QUESTION 15:

Which of the following are TRUE about the WebSphere Portal Catalog that is accessible via the Internet?

- A. Portlet technology previews from IBM may be made available through the Portal Catalog.
- B. Developers need to download the WebSphere Portal Toolkit from the Portal Catalog.
- C. All portlets on the Portal Catalog are available as open source so developers can use the code as a basis for new portlets.
- D. The Portal Catalog is a UDDI Server so they can be accessed as Web Services.
- E. Portlets created by Enterprise Resource Planning (ERP) vendors like J.D. Edwards are available through the Portal Catalog.

Answer: AE

QUESTION 16:

Which of the following is TRUE about the Portlet Catalog that contains portlets of various companies that can be accessed via a web browser?

- A. The Portlet Catalog is public and can be accessed by everyone.
- B. The Portlet Catalog is not public, but anyone holding a valid WebSphere Portal license is allowed to access it.
- C. The Portlet Catalog is public, but all of the portlets require a license fee to download.
- D. The Portlet Catalog is not completely public; the user MUST be a registered partner or developer.

Answer: A

QUESTION 17:

An organization has a group of developers who have been working with J2EE for the past two years. The developers also have experience in programming JavaServer Pages (JSPs). The developers now need to be able to develop Portlet Applications. In this situation, the developers learning effort will be:

- A. Low, since everything in portlet development follows J2EE standards.
- B. Fairly low, since portlets are derived from EJB's and all the concepts of J2EE apply.
- C. Fairly high, since it is not possible to develop Portlet Applications with the Model-View-Controller paradigm.
- D. Fairly high, since portlets break the concept of J2EE in various aspects and frequently used design patterns cannot be applied.

Answer: A

QUESTION 18:

A team of developers will be creating custom portlets. The size of the development effort can be reduced by using the following tools, all of which are shipped with WebSphere Portal EXCEPT?

- A. WebSphere Portal Application Integrator
- B. Portal Toolkit
- C. WebSphere Studio Application Developer Integration Edition
- D. WebSphere Studio Site Developer

Answer: C

QUESTION 19:

When creating additional portal themes, which directory path is recommended for holding the appropriate resources for a Internet Explorer Web Browser client?

- A. ...\\themes\\chtml\\
- B. ...\\themes\\html\\
- C. ...\\themes\\WebSphere\\html\\
- D. ...\\WEB-INF\\themes\\html

Answer: B

QUESTION 20:

In the standard themes, which of the following is NOT a JSP file that is used to determine layout and location of screen elements?

- A. NavigationBarInclude.jsp
- B. Navigation.jsp
- C. ToolBarInclude.jsp
- D. Default.jsp

Answer: A

QUESTION 21:

The file that defines the tags that are used to modify the portal layout is:

- A. default.jsp
- B. styles.css
- C. web.xml
- D. portlet.tld
- E. engine.tld

Answer: E

QUESTION 22:

Which of the following describes the lifecycle of a portlet?

- A. A portlet is initialized from a pool of abstract portlets, a service method is used to render the portal content, the portlet is removed from service and made available to the cache pool, the pool is purged when the portal terminates.
- B. The portlet is initialized, a concrete portlet is initialized, the service method is called to render content, the concrete portlet is removed from service, when the portal terminates the portlet is destroyed.
- C. A portlet is initialized inside the concrete portal, a service method is called to perform method invocation, the portlet is removed from service, when the portal terminates the portlet is destroyed.
- D. A concrete portlet is initialized inside the portal, a service method calls the doView method and other subsequent calls, the concrete portlet is removed and destroyed.

Answer: B

QUESTION 23:

When implementing a listener interface on a portlet, the complete lifecycle of the portlet can be BEST described by:

- A. init(), initConcrete(), beginPage(), login(), service(), logout(), endPage(), destroyConcrete(), destroy()
- B. init(), initConcrete(), initListener(), beginPage(), login(), service(), logout(), endPage(), destroyListener(), destroyConcrete(), destroy()
- C. init(), initConcrete(), service(), login(), beginPage(), endPage(), logout(), destroyConcrete(), destroy()
- D. init(), initConcrete(), login(), beginPage(), service(), endPage(), logout(), destroyConcrete(), destroy()

Answer: D

QUESTION 24:

Which of the following methods will NOT pass the PortletRequest object to the portlet?

- A. login()
- B. beginPage() and endPage()
- C. service()
- D. render()

Answer: D

QUESTION 25:

In regard to the PortletRequest object, which of the following is FALSE?

- A. The PortletSession object represents data for a concrete PortletRequest instance that is saved to persistent store.
- B. Attributes are name/value pairs associated with a request.
- C. Parameters are name/value pairs sent by the client in the URI query string as part of a request.
- D. The Client object encapsulates request-dependent information about the user agent of a specific request.

Answer: A

QUESTION 26:

Which of the following is NOT a method to create a PortletURI?

- A. createURI()
- B. createURI(PortletWindow.State state)
- C. createReturnURI()
- D. createRequestURI()

Answer: D

QUESTION 27:

During login, which of the following is TRUE for a PortletSession?

- A. A PortletSession is automatically created for each portlet on a page only if database persistence is turned on.
- B. A PortletSession is automatically created for each portlet on a page
- C. One PortletSession is automatically created for the page, regardless of the number of portlets on the page.
- D. The user's password is encrypted using the MD5 encryption algorithm

Answer: B

QUESTION 28:

Which of the following BEST describes the PortletData object?

- A. Represents the state of the current portlet window
- B. Represents the configuration for a concrete portlet that is saved to persistent store
- C. Represents data for a concrete portlet instance that is saved to persistent store
- D. Can be used in a portlet action to set the portlet mode to its current, previous, or requested mode before the portlet is rendered

Answer: C

QUESTION 29:

Portlets can determine the MIME types supported by a client by looking at the:

- A. Parameters object in the PortletResponse object
- B. Client object in the PortletRequest object
- C. MIME type object in the PortletSession object
- D. Attributes object in the PortletRequest object

Answer: B

QUESTION 30:

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

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

Answer: C

QUESTION 31:

What is the class name that provides the API to read a configuration parameter defined in a "concrete-portlet" element of portlet.xml?

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

Answer: C

QUESTION 32:

The PortletApplicationSettings configuration object is:

- A. read-only by portlets.
- B. writable by a portlet in either edit or configure mode.
- C. writable by a portlet only in configure mode.
- D. writable only by a portlet that implements PortletApplicationSettingsListener

interface.

Answer: C

QUESTION 33:

Please refer to the exhibit to answer this question.

```
<portletAPI:if mode="View" state="Normal">  
  
</portletAPI:if>
```

Why is the code block in the exhibit considered best practice for portlet developers?

- A. The portlet container might not be able to create a valid PortletSession due to memory constraints.
- B. A portlet may be placed on an anonymous page, and no user session can be created.
- C. This is equivalent to forcing the creation of a PortletSession using the overloaded getPortletSession method that takes no argument.
- D. The code is only required if the portal is configured to support public sessions.

Answer: B

QUESTION 34:

Which of the following modes are NOT provided by the Portlet API?

- A. View
- B. Configure
- C. Help
- D. Customize
- E. Edit

Answer: D

QUESTION 35:

Which of the following states is NOT defined in the PortletWindow.State object?

- A. CLOSING
- B. NORMAL
- C. MAXIMIZED
- D. SOLO

Answer: A

QUESTION 36:

Which of the following allows a portlet to insert markup at the beginning and ending of a page?

- A. PortletSessionListener
- B. PortletTitleListener
- C. PortletPageListener
- D. PortletSettingsAttributeListener
- E. PortletApplicationSettingsAttributesListener

Answer: C

QUESTION 37:

Which of the following events are provided by Portlet API?

- A. Window Events
- B. Portlet Events
- C. Message Events
- D. Action Events
- E. State Events

Answer: ACD

QUESTION 38:

Which of the following statements is FALSE?

- A. WindowAdapter is a helper class that implements all of the methods of WindowListener.
- B. To receive notification of an event, a portlet must have an event listener implemented.
- C. When a user clicks on a link or button, a window event is generated.
- D. An event listener can respond to an event using the PortletRequest attributes.

Answer: C

QUESTION 39:

PortletSettingsAttributeEvent and PortletApplicationsSettingsAttributeEvent are used to:

- A. Provide information about settings change in a portal
- B. Provide information about action happening on a portlet
- C. Notify changes to the attributes of a concrete portlet
- D. Notify changes made to a portlet parameter

Answer: C

QUESTION 40:

A developer who needs to differentiate among various actions will use:

- A. action.getTarget
- B. action.getId
- C. action.getType
- D. action.getName

Answer: D

QUESTION 41:

Which of the following methods CANNOT be invoked from portlet using PortletResponse object?

- A. setHeader
- B. sendRedirect
- C. encodeNamespace
- D. createReturnURI

Answer: B

QUESTION 42:

When using an object of type PortletContext, which of the following is NOT supported for invocation?

- A. Sending a message to all portlets on the same page
- B. Sending a message to only one portlet
- C. Forwarding to JSPs
- D. Including JSPs

Answer: C

QUESTION 43:

To enable Transcoding technology for all portlets, one must check the box 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 44:

Which of the following is TRUE when the global setting 'Enable transcoding of content' is unchecked?

- A. Only those portlets that specify transcoding will have it enabled
- B. Portlets will not have transcoding enabled regardless of their individual settings
- 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 portlets have enabled transcoding.

Answer: B

QUESTION 45:

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

- A. `<A href='<%=portletResponse.encodeURL("/images/results.gif")%>'>Click here`
- B. `<A href='<%=portletResponse.encode("/images/results.gif")%>'>Click here`
- C. `<A href='<%=portletRequest.encodeURL("/images/results.gif")%>'>Click here`
- D. `<A href='<%=portletRequest.encode("/images/results.gif")%>'>Click here`

Answer: A

QUESTION 46:

Which of the following classes can be used to encode an image URL?

- A. PortletRequest
- B. PortletResponse
- C. PortletEncoder
- D. PortletResult

Answer: B

QUESTION 47:

Which of the following HTML tags are NOT recommended for use when writing portlet markup?

- A. <table>
- B. <head>
- C. <td>
- D. <center>
- E. <link>

Answer: BE

QUESTION 48:

Which of the following HTML tags is NOT recommended for use when writing portlet markup?

- A. <tr>
- B. <td>
- C.
- D. <head>
- E. <table>

Answer: D

QUESTION 49:

Which of the following JSP tags are provided by the portlet container for use in portlet JSPs?

- A. dataLoop, dataAttribute, settingsLoop, CreateReturnURI
- B. createNewURI, dataLoop, dataAttribute, URIAction
- C. settingsAttributes, URIParameter, init, encodeNamespaces
- D. log, init, text, if, settingsAttributes
- E. createURI, URIParameter, URIAction, encodedNamespace

Answer: A

QUESTION 50:

Which of the following statements are TRUE about the "if" JSP tag in the portlet tag library?

- A. If the condition is true, the content of the tag is written to the page. Otherwise, the content is skipped.
- B. More than one condition can be evaluated, but all conditions must evaluate to be true for the tag contents to be written.
- C. If more than one condition is evaluated, the tag contents are written when the first "true" condition is evaluated.
- D. When a parameter contains multiple values, all values in the list need to be true for the

condition to evaluate as true.

Answer: AB

QUESTION 51:

A client is using Internet Explorer 5 with property set to English (United States). Which of the following is the first location Portal Server will search for the JSP?

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

Answer: D

QUESTION 52:

When looking for a localized version of a text string within a message resource file, a combination of key and which of the following classes is used?

- A. Localization
- B. Local
- C. Locale
- D. LocalMessage

Answer: C

QUESTION 53:

When programming WML portlets, which of the following are NOT true?

- A. Output is XML format
- B. Markup must be in .wml files
- C. Must have no page-level tags
- D. Does not support localized text strings

Answer: BD

QUESTION 54:

When looking for resources of a portlet within its compiled WAR file, which of the following are correct locations to find their corresponding resources?

- A. Compiled files within /WEB-INF/src
- B. Included libraries within /WEB-INF/lib

- C. portal.xml within /META-INF
- D. web.xml within /WEB-INF

Answer: BD

QUESTION 55:

When packaging multiple portlets, their resources:

- A. are all contained within JAR files
- B. must be within a single WAR file
- C. can be within one or more WAR files
- D. must be contained within their separate WAR files

Answer: C

QUESTION 56:

Which of the following statements must be TRUE in order to establish a link between portlet.xml and web.xml?

- A. The "href" attribute of "concrete-portlet" element should be suffixed with "id" attribute of "servlet" element.
- B. The "href" attribute of "concrete-portlet" element should be suffixed with value of "servlet-name" element.
- C. The "href" attribute of "portlet" element should be suffixed with value of "servlet-name" element.
- D. The "href" attribute of "portlet" element should be suffixed with "id" attribute of "servlet" element.

Answer: D

QUESTION 57:

A portlet is supposed to display real time data, but the portlet window shows the same contents even after reloading the page. What was the value of the "expires" sub-element?

- A. 0
- B. -1
- C. 1000
- D. NONE

Answer: B

QUESTION 58:

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

- A. Portlet listen port
- B. Portlet class names
- C. Portlet titles
- D. Configuration parameters defined at development time
- E. Portlet error pages

Answer: CD

QUESTION 59:

Which is NOT specified within the portlet deployment descriptor?

- A. Supported modes
- B. Cache timeout
- C. Error pages
- D. Parameters

Answer: C

QUESTION 60:

Portlets available within the Create Portlet Wizard include:

- A. Basic Portlet
- B. MVC Portlet
- C. Struts Portlet
- D. Empty Portlet

Answer: AD

QUESTION 61:

Using the Web Service Client Portlet Wizard, which of the following pages is NOT created?

- A. Method Page
- B. Input Page
- C. Help Page
- D. Results Page

Answer: C

QUESTION 62:

Once transcoding is turned on for all portlets, a developer can configure individual portlets to use transcoding through which of the following?

- A. By adding a <config-param> element to the <concrete-portlet> element in the portlet's web.xml file
- B. By modifying the portlet parameters using Portal Administration.
- C. By adding a <config-param> element to the <concrete-portlet> element in the portlet's portlet.xml file.
- D. By enabling transcoding using the WebSphere Administration Console.

Answer: BC

QUESTION 63:

Portal Application initialization parameters, servlets and JSP files are defined in the Web application deployment descriptor contained in which file?

- A. portlet.xml
- B. web.xml
- C. portal.xml
- D. webapp.xml

Answer: B

QUESTION 64:

Which of the following is TRUE in regard to the Portal Toolkit?

- A. Debugging can only be performed on a local portal server.
- B. During installation of the Portal Toolkit, there is an option to install the WebSphere Portal V5 for Test Environment.
- C. WebSphere Portal Extend is required to perform debugging on a local portal server.
- D. The WebSphere Portal Toolkit is installed when WebSphere Studio is installed.

Answer: B

QUESTION 65:

Which TWO are debug configurations provided by the Portal Toolkit?

- A. Local Debug
- B. WebSphere Portal Express with Profiling
- C. Remote Server Attach
- D. Site Analyzer

Answer: AC

QUESTION 66:

Which of the following is TRUE when testing a portlet application in WebSphere Studio Application Developer?

- A. When a bug is found, modify the source code, and then publish the project on the portal server and restart the remote server.
- B. To begin debugging on the local server, press the run icon on the toolbar.
- C. To begin testing and debugging the portlet application, select the portlet project, from the popup menu, select Debug on Server.
- D. To debug a portlet application, WebSphere Application Server Advanced Single Server Edition 5.0.1 with fixpack 2 must be installed and defined as a local server in WebSphere Studio Advanced Edition.

Answer: C

QUESTION 67:

When using the Portlet Toolkit on WebSphere Studio Application Developer to debug a portlet, which of the following is TRUE?

- A. The default number of concurrent remote portal server debug sessions is five.
- B. The default number of concurrent local portal server debug sessions is five.
- C. There is no limit to the number of remote or local portal server debug sessions.
- D. Portlets may be tested on a remote or local portal server.
- E. Portlets may only be tested on the local portal server.

Answer: D

QUESTION 68:

The Portal Toolkit provides which of the following features for debugging a portlet on a remote server?

- A. WebSphere Admin Console
- B. Remote Server Attach
- C. Remote Server Deploy
- D. Application Assembly Tool

Answer: B

QUESTION 69:

A developer is using WebSphere Studio to troubleshoot a portlet application running on a remote portal server. Which log file directory would be the BEST place to start looking for reasons why the application is failing?

- A. The remote WebSphere Application Server log file directory.
- B. The remote WebSphere Portal log file directory.
- C. WebSphere Studio Test Environment runtime log file directory.
- D. The remote Web Server log file directory.

Answer: B

QUESTION 70:

The WebSphere Portal log file contains messages and trace information, if tracing is enabled. The default runtime log file is?

- A. <wp_root>/log/systemout.log
- B. <was_root>/logs/tracefile.log
- C. <wp_root>/log/wps_<date_time>.log
- D. <wp_root>/log/wpsruntime.log

Answer: C

QUESTION 71:

A developer has gotten a JDBC Business Object Builder error after testing a Cloudscape datasource connection. What is the MOST likely reason for the error?

- A. Connections to Cloudscape datasources cannot be tested.
- B. If Cloudscape is being used, all application servers must be stopped and restarted after testing the datasource connection in WebSphere Application Server.
- C. The Cloudscape database server is not running. Restart Cloudscape before using the JDBC Business Object Builder.
- D. The JDBC Business Object Builder can only be used with DB2 and Oracle.

Answer: B

QUESTION 72:

Which types of logging are supported by WebSphere Portal?

- A. Logging of events
- B. Logging of messages
- C. Logging of debugging messages called traces
- D. Logging of clones

Answer: BC

QUESTION 73:

Which of the following portlet services are provided natively by WebSphere Portal V5?

- A. IFrame Web Service
- B. Content Access Service
- C. Location Service
- D. Property Broker Service
- E. Remote Portlet Service

Answer: BD

QUESTION 74:

Which method call is used to access a service?

- A. PortletFactory.getFactory();
- B. PortletContext.getService();
- C. PortletContext.getFactory();
- D. PortletService.creatPortletService();
- E. PortletService.getPortletService();

Answer: B

QUESTION 75:

To create a portlet service, which of the following steps are generally REQUIRED?

- A. Define the interface, write the implementation and service factory, register the service, instantiate the service.
- B. Write the implementation, register the API, publish the service.
- C. Write the implementation and new service factory using a registered API, publish the service.
- D. Define the interface, write the implementation, use an existing service factory, register the service.

Answer: D

QUESTION 76:

Which of the following interfaces is used to create a portlet service factory?

- A. The PortletServiceDefaultFactory interface is used to create a portal service factory for a given service.
- B. The PortletServiceCacheFactory interface is used to create an instance of another cached portal service factory.
- C. The PortletServiceGenericFactory interface is used to create a basic portal service factory.
- D. The PortletServiceFactory interface is used to implement a custom portal service factory.

Answer: D

QUESTION 77:

Which are the provided Portlet Service Factories with WebSphere Portal?

- A. PorletServiceDefaultFactory
- B. PortletServiceSingletonFactory
- C. PorletServiceCacheStateFactory
- D. PortletServiceCacheFactory
- E. PortletServiceAbstractFactory

Answer: AD

QUESTION 78:

Which of the following is NOT a recommended reason to create a portlet service?

- A. A service should be created when code could be shared across portlet applications.
- B. Services are useful in abstracting model behavior from the controller layer in a MVC design.
- C. Services are used to override existing portal API calls and allow applications to insert their own logic instead.
- D. A service provides a mechanism whereby the implementation can be changed or enhanced transparently to the portlet.
- E. Services can be used when a portlet requires behavior that can not be deployed via a "war" file (such as an EJB client based application).

Answer: C

QUESTION 79:

When a person developing a portlet application in WebSphere Studio has difficulty accessing the database via the datasource, which trace can be used to narrow the origin of the problem?

- A. services.datastore.*=all=enabled

- B. portlets.*=all=enabled
- C. RRA=all=enabled
- D. com.ibm.wps.sso.*=all=enabled

Answer: C

QUESTION 80:

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 source of the problem?

- A. The database configuration did not include this datasource name.
- B. No data source has been created.
- C. The data source has insufficient client access rights to the database and is failing during the initial connect phase of the access.
- D. The JNDI name of the datasource matches the name used by the client attempting to access it.

Answer: B

QUESTION 81:

If a portlet developer wishes to access a remote system or content from a remote URL from within the Portlet API, which service could be used?

- A. The portlet clipping service
- B. The portlet context include method
- C. The content access service
- D. The portlet remote access method
- E. The portlet remote discovery service

Answer: C

QUESTION 82:

When using the Web Service Client Wizard to build a portlet to access a remote Web Service, what information is REQUIRED?

- A. The WSDL file for the remote service.
- B. A JAAS Object for the remote service.
- C. The JNDI lookup information to remote system.
- D. There are no information required by the wizard, configuration is done via PortletSetting attribute objects.

Answer: A

QUESTION 83:

Which of the following statements are TRUE regarding credential objects?

- A. Credential objects are serializable.
- B. To create a slot for storing active credentials we set the active parameter of the CredentialVaultService.createSlot method to true.
- C. Passive credential objects hide the credential's secret from the portlet
- D. Credential objects are not serializable and cannot be stored in portlet session in a clustered environment.
- E. Portlets that use active credential objects need to extract the secret from the credential and do all the authentication communication with the backend itself.

Answer: BD

QUESTION 84:

What type of credential slot would a 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 85:

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

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

Answer: A

QUESTION 86:

Which of the following types of authentication using active credentials are provided in the "credentials" package?

- A. HTTP Form based authentication

- B. Basic authentication
- C. FTP authentication
- D. Java Mail authentication
- E. Lotus Mail authentication

Answer: ABD

QUESTION 87:

Which of the following are REQUIRED attributes by a click-to-action source portlet if the source portlet will be part of a "wire"?

- A. type
- B. namespace
- C. value
- D. broadcast
- E. generateMarkupWhenNested

Answer: ABC

QUESTION 88:

When a cooperative portlet is a source of data, the data is delivered to a target portlet as:

- A. a PortletMessage
- B. an ActionEvent
- C. a SOAP message
- D. a PortletRequest

Answer: B

QUESTION 89:

What method on the PropertyBrokerService can be used to build a custom icon for launching Click-to-Action events?

- A. changedProperty()
- B. getOnClickMarkup()
- C. getActionTriggerMarkup()
- D. registerProperties()

Answer: C

QUESTION 90:

In the target portlet of a pair of cooperative portlets, what is the role of output parameters declared for the target's portlet action?

- A. They correspond to properties that should be propagated to other portlets via the Property Broker.
- B. They correspond to items to appear on a source portlet's click-to-action menu.
- C. They represent return values for the event.
- D. They have no role in the current cooperative portlet framework.

Answer: A

QUESTION 91:

Which of the following statements is FALSE regarding portlets that send and receive messages?

- A. All portlets must be on the same page.
- B. All portlets must belong to the same portlet application.
- C. Messages can be broadcast to multiple portlets
- D. Portlets can only send messages when they are in the event processing cycle of the portlet container.

Answer: B

QUESTION 92:

What kind of object payload can a PortletMessage deliver to a MessageListener?

- A. a SOAP object
- B. a Java String
- C. a Java Object
- D. a Serializable Java Object

Answer: B

QUESTION 93:

Which of the following changes need to be made to a struts application WAR file prior to deploying it into WebSphere Portal?

- A. Add Portal Struts JAR files to WEB-INF/lib directory.
- B. Replace Struts TLD files with Portal Struts TLD files
- C. Add WpsRequestProcess to portlet.xml file
- D. Specify WpsStrutsPortlet as the controller in the struts-config.xml file.

Answer: AB

QUESTION 94:

What are the valid values for the urltype attribute that has been added to the <html:form>, <html:link>, and <html:rewrite> tags to support portlet URLs?

- A. back
- B. current
- C. return
- D. previous
- E. standard

Answer: CE

QUESTION 95:

When are Struts Actions triggered within the Portal Struts Framework?

- A. During the new action handler phase.
- B. During the content rendering phase.
- C. During the event processing phase.
- D. During the beginPage phase.

Answer: C

QUESTION 96:

Which initialization parameter for WpsStrutsPortlet will determine what struts module will handle a particular request?

- A. struts-servlet-mapping
- B. SubApplicationSearchPath
- C. UseGroupsForAccess
- D. IncludesSearchPath

Answer: B

QUESTION 97:

A portlet menu node can refer to:

- A. Any portlet on the current portal page
- B. A arbitrary page within the portal
- C. The portlet that sources the menu
- D. A page external to the portal

Answer: CD

QUESTION 98:

A portlet that supplies menu entries to the portal's navigation tree MUST implement which interface?

- A. MenuSupplier
- B. MenuService
- C. MenuTree
- D. MenuProvider

Answer: D