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Question: 1

You implement a portal including Microsoft Office SharePoint Portal Server 2003 and Microsoft Content Management Server 2002 (MCMS). An MCMS content author reports that since one of the postings was expiring soon, she changed the expiry date of the posting to a later date. She did not change any content in the posting, so the change should not require Editor approval. The content author reports that now, even though she can still browse the site, the modified posting no longer appears when users browse the site. She says that she has extended the expiry date on other postings on the site without producing this problem. You open the MCMS Site Manager and verify that the posting still exists in its original location. What is the most likely cause of the problem?

- A. The MCMS Background Processing Job is running.
- B. The server clock is not synchronized with the client's desktop environment.
- C. The author made the change to a posting in a channel that has no Editors assigned.
- D. The author made a change to the posting's properties in a moderated channel.

Answer: D

Question: 2

You implement an Internet Web site by using Microsoft Content Management Server 2002 (MCMS). All content on the site is anonymously accessible via MCMS Guest Access, which is already configured and operating well. Your public server is completely separate from your internal authoring environment. Content is authored on a separate computer on the organization's internal network. Content is exported by using a script that uses MCMS Site Deployment Application Programming Interface (SDAPI). The export packages are transferred to the perimeter network by using the file transfer protocol (FTP). The export packages are imported to the live server through an import script that uses the SDAPI. You are developing procedures for securing the public Web site. You must disable all authoring capabilities on your public server while allowing all other site features to continue functioning. What should you do?

- A. Remove all users from MCMS Author and Editor rights groups.
- B. Ensure that all MCMS templates and other Web application assets are read-only.
- C. In the Web.config file for all of the MCMS Web application folders for the Web site, remove references to the CmsAuthorizationModule within the <httpmodules> element.
- D. In the Web.config file for all of the MCMS Web application folders for the Web site, remove the <authorization> element.

Answer: C

Question: 3

You implement an intranet portal solution that uses Microsoft Office SharePoint Portal Server 2003. You develop a Web Part that will integrate with a legacy application that does not support Integrated Windows? Authentication. This application has its own user IDs and passwords for individual users. You configure the Single Sign-On service by defining an enterprise application definition to use individual accounts for the application. The Web Part must prompt the user for application credentials if they do not yet exist in the Single Sign-On database. Which three of the following steps will you need to include in your Web Part code?

- A. Call the GetCredentials method of the Microsoft.SharePoint.Portal.SingleSignon.Credentials class, specifying the application name.
- B. Include code to identify the maximum privileges available to areas on the portal using the GetMaxPrivilege method of the Microsoft.SharePoint.Portal.Security.AreaAccessChecker namespace.
- C. Code the exception handler for the SingleSignonException error code SSO_E_CREDS_NOT_FOUND to get the URL of the Single Sign-On logon form.
- D. Include code that gets the Domain\Group account associated with a group application definition by using the GetGroupApplicationGroup method of the Microsoft.SharePoint.Portal.SingleSignon.Application class.
- E. Code the redirection of the browser to the Single Sign-On logon form.

Answer: A, C, E

Question: 4

You build a portal solution that uses Microsoft Office SharePoint Portal Server 2003. You develop a Web Part to access a legacy application that uses a discrete number of accounts to access its functionality in different roles. No user accessing the application has a unique login Email for the application. Domain groups have been defined according to the different roles within the legacy application, and users are in the appropriate groups. The users do not know their credentials for this application, and they will be unable to browse or modify these credentials. Your objective is to complete the SharePoint configuration to allow the Web Part to access the application. What should you do?

- A. Add the user to the SPS_WPG and STS_WPG domain groups.
- B. Ensure that the users' rights are identical to the SharePoint default content access account.
- C. Create Single Sign-On group enterprise application definitions for each of the domain groups for the legacy application. Assign each domain group its own credentials.
- D. Create a Single Sign-On individual enterprise application definition for the legacy application by using the account credentials of the SharePoint enterprise application manager.

Answer: C

Question: 5

You deploy an Internet Web site by using Microsoft Content Management Server 2002 (MCMS). You implement a load-balanced Web farm in the DMZ. You have no access to an Active Directory Domain Controller for authentication. Your MCMS site is intended for completely anonymous access, so all that you need for authentication are two accounts: the MCMS Service account and the MCMS Guest Access account. Your objective is to correctly configure each MCMS Web server in the Web farm such that each server will have a valid MCMS Service account and Guest Access account. Which one of the following options will achieve the objective?

- A. Enable SQL authentication on the SQL Server? containing the MCMS database. Define the MCMS Service and Guest Access accounts as SQL logins. Specify the login names in the MCMS Server Configuration Application on each Web server.
- B. Configure each server in the Web farm to use its own local accounts for the MCMS Service and Guest Access accounts. In the MCMS Site Manager, add all of the local accounts as members of the MCMS Guest Access subscriber group or groups.
- C. Use the ASP.NET computer account as the MCMS Service Account on each server. Enable anonymous access on all MCMS virtual directories on all servers.
- D. Configure each server in the Web farm to use its own local accounts for the MCMS Service and Guest Access accounts. Use the same user names on each computer.

Answer: D

Question: 6

You implement an intranet portal that includes Microsoft Office SharePoint Portal Server 2003 and Microsoft Content Management Server 2002 (MCMS). You need to configure Integrated Windows Authentication on your MCMS site, such that intranet users will not need to explicitly log on to the site when they access content. The users' credentials will be automatically passed to MCMS. You need to enable automatic authentication to the MCMS site. What should you do?

- A. Define all domain users as MCMS Subscribers.
- B. Enable anonymous access to all MCMS project Web folders on the intranet site, while ensuring that Integrated Windows Authentication is enabled for these folders.
- C. Disable anonymous access to all MCMS project Web folders on the intranet site, while ensuring that Integrated Windows Authentication is enabled for these folders. Modify MCMS Web.config files to configure integrated authentication.
- D. In the MCMS Server Configuration Application's Security tab, set the Allow Guests on Site property to No.

Answer: C

Question: 7

You implement an intranet portal solution that includes Microsoft Content Management Server 2002 (MCMS). The intranet site uses Integrated Windows? Authentication in order to provide access to the site. Anonymous access is disabled. You develop navigation controls for banners, left navigation, and page footers in order to manage common design elements on each template. In the banner control, you want to insert links to commonly-used postings, such as Help and Contact Us, within your intranet site. In the code for the banner control, you use the Searches class to locate these postings and render hyperlinks to them. You have tested the code, and it appears to be working well. However, another user browses your new MCMS site with the new controls and receives the following error:

“Object reference not set to an instance of an object.”

The error includes debug information that points to a line of code that uses properties of one of the common postings. You verify that the postings all exist and that they are in Published mode. You need to find out why one user receives the error message although other users do not. Which one of the following alternative explanations would cause this to occur?

- A. Other users do not have the same authoring rights as you do.
- B. Other users do not have access to the required template galleries.
- C. Other users' regional settings differ from yours, and their clock is not synchronized with the server.
- D. Other users do not have access rights to the channel containing the common objects.

Answer: D

Question: 8

You develop a portal site that includes Microsoft Office SharePoint Portal Server 2003, Microsoft Content Management Server 2002 (MCMS), and the MCMS 2002 Connector for SharePoint Technologies. Because your requirements include the creation of both Web Parts and external applications that will access MCMS content, you must access this context in both HTTP and Application contexts. Some MCMS content is available anonymously, whereas the remainder requires authentication. You review the developer reference documentation to identify the various methods of authentication available in both HTTP and Application contexts. Of the following authentication methods, which one is available only in the Application context?

- A. Authenticate the user using the Windows? user handle.
- B. Authenticate by using a Windows account token.
- C. Authenticate the current Windows user.
- D. Authenticate as the MCMS Guest Access account.

Answer: A

Question: 9

You develop a portal using Microsoft Office SharePoint Portal Server 2003 and Microsoft Content Management Server 2002 (MCMS). The MCMS configuration of the portal contains both content for guest access and content for authenticated users. Some users report that after they log on, they are able to navigate to the MCMS pages that are available only to authenticated users as required. However, when they arrive at these pages they are prompted for additional authentication, their credentials are not accepted, and they see broken image links within the content area of the pages. You investigate and discover that these images are MCMS image placeholder content items. Additionally, you assess that certain users do not experience this problem. You need to find out why an authenticated user can navigate to an MCMS page but cannot view some images published with the page. What is the most likely cause of the problem?

- A. The users experiencing the problem have MCMS Guest Access only.

- B. The MCMS Guest Access account has Subscriber access to the required Channels but does not have the required access to certain resource galleries.
- C. The MCMS Subscriber Groups that include the authenticated users experiencing the problem do not have access to some required resource galleries.
- D. The MCMS Service Account does not have subscriber access to the correct resource galleries.

Answer: C

Question: 10

You develop a portal that includes Microsoft Office SharePoint Portal Server 2003, Microsoft Content Management Server 2002 (MCMS), and the MCMS 2002 Connector for SharePoint Technologies. MCMS includes content that is available to anonymous users and content that is available only to authenticated users. You design a custom Web Part for the portal. The Web Part displays a collection of links to various postings and channels within the MCMS site. This Web Part is available to both anonymous and authenticated users. However, some users report that once they log on, the custom Web Part displays fewer links than when they were in anonymous mode. You need to find out how authenticated users might have less access to MCMS Web content than anonymous users. What is the most likely cause of the problem?

- A. The authenticated users are not members of the MCMS Guest Access Subscriber group.
- B. The MCMS Guest Access account is not a member of the same groups as the authenticated users.
- C. Anonymous access is disabled for the MCMS virtual directories.
- D. The MCMS System Account is not included in the MCMS Guest Access Subscriber group.

Answer: A

Question: 11

You have implemented a portal solution that includes Microsoft Office SharePoint Portal Server 2003, Microsoft Content Management Server 2002 (MCMS), and the MCMS 2002 Connector for SharePoint Technologies. Requirements for the solution include the publication of select Microsoft Office documents. These documents should be available only to authenticated subscribers to the site. You need to ensure that these select documents are available only to authenticated users. What should you do?

- A. Ensure that the documents are available only to MCMS Authors, Editors, and Channel Managers.
- B. Implement Integrated Windows authentication on all MCMS virtual directories, and disable MCMS Guest Access.
- C. Implement Integrated Windows authentication on the Ronlyres folder, and disable anonymous access.
- D. Store the select documents in resource galleries unavailable to the MCMS Guest Access account but available to the required Subscriber Groups of authenticated users.

Answer: D

Question: 12

You implement a portal solution that includes Microsoft Office SharePoint Portal Server 2003 and Microsoft Content Management Server 2002 (MCMS). You have fully configured the crawler to index MCMS content. You have also run a complete index of the site. In addition to occasional full-site crawls, you configure SharePoint to crawl the Web site more frequently to perform incremental updates. Afterward, you discover that it is taking just as much time to index the MCMS site. You need to find out why the incremental updates are not running more quickly than full indexing. What is the most likely cause of the problem?

- A. The MCMS templates are missing a metatag (for example, Dublin Core Metadata Initiative element DC.Date) that should be set to the LastModified property of the posting.
- B. The MCMS templates immediately expire their content so that they cannot be cached (for example, <META HTTP-EQUIV="Expires" CONTENT="0">).
- C. The following META tag is embedded in the templates: <META name="ROBOTS" content="FOLLOW,INDEX">.
- D. MCMS postings are rendered dynamically. The Last-Modified HTTP header must be set to the date of last modification.

Answer: D

Question: 13

You develop a portal solution including Microsoft Office SharePoint Portal Server 2003, Microsoft Content Management Server 2002 (MCMS), and the MCMS 2002 Connector for SharePoint Technologies. In the implementation, you want to install MCMS and SharePoint Portal Server on the same server. First you configure the indexing and search features of SharePoint Portal Server. What should you do next?

- A. Run the exclusion list configuration (excludeCMS) tool.
- B. Run WssDocumentUpdater.exe prior to the first crawl.
- C. Ensure that MCMS is using a different application pool than the SharePoint portal.
- D. Configure the crawler to use the MCMS Service account when it indexes MCMS content.

Answer: A

Question: 14

You implement a portal that uses Microsoft Office SharePoint Portal Server 2003. The portal site is based on the sample data included with the SharePoint install package. You want to target newly published content to all users in the News for You Web Part on My Site. You are looking at the Portal Site Content section on the Site Settings page for the portal. You need to identify the quickest method to add items to the News area so that they will appear in the News for You Web Part on My Site. Which link provides the quickest means to add news items to the News area?

- A. Manage portal site structure
- B. Manage top-level lists and document libraries
- C. Use Topic Assistant
- D. Manage targeted links on My Site

Answer: A

Question: 15

You implement a portal that uses Microsoft Office SharePoint Portal Server 2003. You manage portal user profiles by performing full and incremental imports from Microsoft Active Directory? connections. You need to identify the range of directory services that can be used as the sources of user profile information. You need to use the SharePoint user profile import utility to achieve this goal. When you configure import settings for user profiles, which of the following sources can be selected?

- A. Servers running Active Directory for your current domain
- B. Servers running Active Directory for your entire forest
- C. Microsoft Windows NT? Server 4.0 domain controllers
- D. Servers running Active Directory on one or multiple custom domains

Answer: A, B, C

Question: 16

You build a portal solution that uses Microsoft Office SharePoint Portal Server 2003. Your solution targets content by using audience rules. The rules target users according to their group memberships and custom values, which users can modify in their user profiles. You need to decide where to store these custom user profile values, while minimizing the amount of custom development required. What should you do?

- A. Extend the SharePoint user profile database to include custom properties that the user can edit.

- B. Extend the Active Directory schema to include custom properties. Configure these properties to be imported into the user profile database with regularly scheduled import jobs.
- C. Store custom values in session variables for each user.
- D. Store values in persistent cookies stored within the users' client environments.

Answer: A

Question: 17

You implement an intranet portal site that uses Microsoft Office SharePoint Portal Server 2003. You configure regular schedules for incremental and complete imports of user profile information from Active Directory. After these processes have run a few times, users report that after modifying their profile property entries, some of the entries revert to the original values. You need to identify the most likely cause of user profile values reverting to their previous values. What is the most likely cause of the problem?

- A. The access account that is configured on the import job does not have sufficient access rights to the SharePoint profile database.
- B. You are extensively using ASP.NET page output caching in Web Part development.
- C. The users do not have db_datawriter privileges on the SharePoint profile database.
- D. The Edit Settings value of a profile property that is mapped to an Active Directory property has been set to Allow users to edit this property.

Answer: D Question: 18

You develop a portal solution including Microsoft Windows? SharePoint Services, Microsoft Content Management Server 2002 (MCMS), and the MCMS 2002 Connector for SharePoint Technologies. In the implementation, you want to install MCMS and Windows SharePoint Services on separate servers. Your need to decide which features of the MCMS 2002 Connector for SharePoint Technologies will be disabled in this configuration. Out of the following list, identify the functionality that will be disabled in this configuration.

- A. The MCMS Page Listing Web Part
- B. The MCMS Pages Waiting for Approval Web Part
- C. The SearchInputControl Web control
- D. The SharePoint Library Placeholder

Answer: C

Question: 19

You develop a portal solution including Microsoft Office SharePoint Portal Server 2003, Microsoft Content Management Server 2002 (MCMS), and the MCMS 2002 Connector for SharePoint Technologies. In the implementation, you want to install MCMS and SharePoint Portal Server on separate servers. First you configure the indexing and search features of SharePoint Portal Server. Now you want to configure the crawler so that it can successfully index MCMS content. What should you do?

- A. Add the Application Pool Identity account on the MCMS virtual server to an MCMS Subscriber group.
- B. Give the SharePoint Portal administrator subscriber access rights to the entire MCMS Web site.
- C. Configure the crawler to use the MCMS Service account when indexing MCMS content.
- D. Create a domain account that the crawler will use to authenticate against MCMS; define Subscriber rights in MCMS for the crawler's domain account; configure the crawler to use this account when indexing.

Answer: D

Question: 20

You develop a public Web site by using Microsoft Content Management Server 2002 (MCMS). You have developed the Web site on an internal development platform. The production server is in a separate location, external to the intranet. Content updates continue

to be made on the internal development server. Therefore, you begin to develop a process for exporting content incrementally by using the MCMS Site Deployment Application Programming Interface (SDAPI). Your objective is to understand the methods and properties available to you in the SDAPI. Which three methods are available within the SDAPI? (Choose three.)

- A. AuthenticateAsCurrentUser
- B. AuthenticateAsGuest
- C. SignOut
- D. AuthenticateUsingUserHandle
- E. ResolveUrl
- F. Export
- G. GetByGuid

Answer: A, D, F

Question: 21

You implement a portal solution that includes Microsoft Office SharePoint Portal Server 2003, Microsoft Content Management Server 2002 (MCMS) , and the MCMS 2002 Connector for SharePoint Technologies. You design MCMS templates to integrate with the portal design. The templates require a set of metatags that will be used in indexing and in search queries that employ the Connector's SearchInputControl. You need to add the control that will render these metatags from MCMS posting properties. What should you do?

- A. Create a custom server control that will render metatags in your templates based on the value of the posting's properties.
- B. Run the SearchPropertiesSetup.exe tool and use the SearchPropertyCollection.xml file as input.
- C. Add the SearchMetaTagGenerator control to MCMS templates.
- D. Add the SearchInputControl to MCMS templates.

Answer: C

Question: 22

You implement a portal solution that uses Microsoft Office SharePoint Portal Server 2003. Your solution targets content by using audience rules. You use the Links for You Web Part to display the targeted links. You modify one of the audience rules to include an additional group. When you test this new audience rule, you realize that users who are members of the newly added group are not being targeted with the appropriate content. You need to identify the most likely reason that the users in the new group do not see the targeted content in Links for You. What is the most likely cause of the problem?

- A. User information has not been incrementally imported from Microsoft Active Directory?.
- B. You have not enabled alerts for modified content.
- C. You have not enabled custom event handlers for content publication.
- D. The audiences that you have modified have not been compiled.

Answer: D

Question: 23

You are implementing a Web site that includes both a custom ASP.NET Web application and Microsoft Content Management Server 2002 (MCMS). Some of the pages in your custom Web application must access content from MCMS. However, the custom application is not part of an MCMS Web project. For example, you may need to render MCMS channel and posting navigation links within the custom Web application. You need to understand how certain classes contained within the MCMS namespaces are applied in a non-MCMS Web application project. Which method or property from the MCMS namespaces would result in an error from a Web page of a custom Web application?

- A. Microsoft.ContentManagement.Publishing.Extensions.Placeholders.Office.OfficeHTMLPlace holder.Html
- B. Microsoft.ContentManagement.Web.Security.CmsFormsAuthentication.AuthenticateAsGuest()

- C. Microsoft.ContentManagement.Publishing.Posting.CanApprove
- D. Microsoft.ContentManagement.Publishing.CmsHttpContext.Current.Posting

Answer: D

Question: 24

You implement a portal by using Microsoft Office SharePoint Portal Server 2003, Microsoft Content Management Server 2002 (MCMS), and the MCMS 2002 Connector for SharePoint Technologies. The authoring requirements for the Web site dictate that you must develop a collection of custom placeholder controls to provide specialized interfaces to Web site authors. While reviewing the existing authoring interfaces, you discover that one of the standard MCMS placeholders always requires a custom-built authoring control. Which placeholder type always requires this?

- A. HTML placeholder
- B. XML placeholder
- C. Image placeholder
- D. SharePoint Document placeholder
- E. Attachment placeholder

Answer: B

Question: 25

You have implemented a Web site managed by Microsoft Content Management Server 2002 (MCMS). Most of the Web site can be accessed by using MCMS Guest access. There is a separate .NET console application that requires access to MCMS content that is available to both guest and authenticated users. You need to use MCMS Application context to establish an authenticated context from MCMS to the custom application. Which method or methods can you use from the MCMS Application context? (Choose all that apply.)

- A. Authenticate as the current Microsoft Windows? user.
- B. Get the publishing session settings for the current session.
- C. Create an MCMS authentication ticket (CmsAuthenticationTicket).
- D. Get the current publishing mode for the current session.
- E. Authenticate as the MCMS guest user.
- F. Get the URL of the MCMS login page.

Answer: A, B, D, E

Question: 26

You implement a portal solution by using Microsoft Office SharePoint Portal Server 2003. In designing the custom Web Parts that are required for your portal, you use caching to enhance performance. As part of the caching strategy, you want to ensure that both the Shared and Personal caches are limited to 2 MB. You need to implement the 2-MB size restriction for the Shared and Personal caches by modifying the portal site's Web.config file. Which element should you use?

- A. <WebPartCache Storage="None">
- B. Unspecified (no <WebPartCache> element in Web.config)
- C. <WebPartCache Storage="CacheObject">
- D. <WebPartCache Storage="Database">

Answer: D

Question: 27

You implement a portal solution that includes Microsoft Content Management Server 2002 (MCMS). The portal solution uses connected templates. You create a new template file that has the same collection of placeholder controls as the existing templates. You add a new Template Gallery Item to the Template Gallery with the required placeholder definitions. However, when you attempt to create a connected page with the new template, it does not appear in the list of available templates in the Create Connected Page - Select Template dialog box. You need to find out why the template does not appear in the list. What is the most likely cause of the problem?

- A. You did not check in the new template.
- B. The new template does not have a template file associated with it.
- C. The new template is currently locked by another developer.
- D. In the context menu of the MCMS Template Explorer, you failed to create the new template as a connected template.

Answer: D

Question: 28

You implement a portal solution by using Microsoft Office SharePoint Portal Server 2003. The solution requirements include implementing the document library event handlers with custom code to invoke non-SharePoint services in response to document library events. You need to ensure that you implement the document library to meet solution requirements. Which four actions should you take? (Each correct answer represents part of the solution. Choose four.)

- A. Create a .NET class that implements the IFileDialogPostProcessor interface. Build the managed assembly.
- B. Install the managed assembly in the Global Assembly Cache (GAC).
- C. Reference your managed assembly in the Document Library Advanced Settings page for the document library.
- D. Add a <SafeControl> element referencing the managed assembly to the <SafeControls> element in the Web.config file on the virtual server.
- E. Create a .NET class that implements the IListEventSink interface. Build the managed assembly.
- F. In the Virtual Server General Settings page, turn on Event Handlers.

Answer: B, C, E, F

Question: 29

You are implementing a large intranet that uses Microsoft Content Management Server 2002 (MCMS). Because of a wide range of functional and visual design requirements, the intranet has multiple MCMS ASP.NET Web projects. However, the standard MCMS workflow needs to be extended uniformly across the entire intranet. You need to extend the MCMS workflow in this environment while minimizing the required effort to maintain custom workflow logic. What should you do?

- A. Register for publishing events by creating custom HTTP modules.
- B. Modify the WorkflowHooks.inc module.
- C. Register for publishing events using HTTP modules and modifying Global.asax code.
- D. Create a custom workflow helper class and register it in the Global Assembly Cache.

Answer: A

Question: 30

You implement a portal solution that includes a Microsoft Content Management Server 2002 (MCMS) in ASP.NET mode. To extend the MCMS workflow, the solution registers for publishing events by using HTTP modules. The extension requires e-mail notifications that are triggered to Moderators when the content of a specific placeholder has been changed, before the content is approved. You need to use an event handler to insert custom code that meets the requirements of the extension. Which event handler should you use?

- A. PostingEvents.PropertyChanged
- B. PostingEvents.Changing
- C. OnAfterSetPhContent
- D. PostingEvents.Changed

Answer: D

Question: 31

You implement a portal solution that uses Microsoft Office SharePoint Portal Server 2003. You have a requirement to invoke external services in responses to changes in a document library. You need to identify the events for which Microsoft Windows? SharePoint Services provides event handlers. Which three document events in the following list already have specific event handlers available? (Choose three.)

- A. Insert
- B. Approve
- C. Check In
- D. Update
- E. Reject

Answer: A, C, D

Question: 32

You implement a Web site using Microsoft Content Management Server 2002 (MCMS). The site incorporates user-based personalization. You use ASP.NET output caching to optimize the performance of the site. The cached output needs to be refreshed for different publishing modes. The output also needs to be refreshed for personalized views of MCMS pages, which contain composite output from a variety of MCMS sources (such as user-specific navigation). You have defined the MCMS Global class for the Web application to inherit the CmsHttpApplication base class. Now you need to ensure that output caching is implemented according to your requirements. Which directive should you use in your template files?

- A. <%@ OutputCache Duration="300" VaryByParam="NRNODEGUID"%>
- B. <%@ OutputCache Duration="300" VaryByCustom="CMSPosting"%>
- C. <%@ OutputCache Duration="300" VaryByCustom="CMSPosting;CMSRole"%>
- D. <%@ OutputCache Duration="300" VaryByCustom="CMSPosting;CMSControl;CMSUser"%>

Answer: D

Question: 33

You implement a Web site by using Microsoft Content Management Server 2002 (MCMS). The site requirements include the publication of event information that includes dates. Therefore, you develop a custom placeholder control that renders a calendar from which the author can select a date. The selected date is then stored in a specific internal format in an XML placeholder. You use BasePlaceholderControl as the base class for the control. You need to override three BasePlaceholderControl methods in order to ensure proper editing and storage of placeholder content. Which three methods should you override? (Each correct answer presents part of the solution. Choose three.)

- A. CreateAuthoringChildControls
- B. OnPopulatingDefaultContent
- C. OnPreRender
- D. LoadPlaceholderContentForAuthoring
- E. OnInitializePlaceholderBinding
- F. OnLoad

G. SavePlaceholderContent

Answer: A, D, G

Question: 34

You develop a Web site using Microsoft Content Management Server 2002 (MCMS). The site requirements include the development of a custom placeholder control that will allow an author to select a value from a drop-down list. The value will be stored as a text string in the content of the placeholder. You need to implement a new placeholder control. What should you do?

- A. Develop a custom Web control based on the System.Web.UI.WebControls.DropDownList class, including ADO.NET methods to write the selected value to the MCMS database.
- B. Define a new placeholder type for the MCMS database.
- C. Modify the MCMS Web Author interface to replace the standard placeholder edit control with a drop-down list in certain instances.
- D. Define a new class that inherits the Microsoft.ContentManagement.WebControls.BasePlaceholderControl class and override the methods and/or properties that affect how the control is rendered in authoring and presentation modes.

Answer: D

Question: 35

You develop a Web site by using Microsoft Content Management Server 2002 (MCMS). Your templates all require a common set of functional extensions beyond the standard MCMS template. You decide to create a new class that inherits the base class used for MCMS template files. You need to implement your new template class. What should you do?

- A. Add your extensions to an MCMS template file and connect all other Template Gallery Items (TGI) to this one.
- B. Create a new class based on Microsoft.ContentManagement.Publishing.Template and add the assembly to the list of references in your MCMS Web project.
- C. Create a new class based on System.Web.UI.Page, including the required extensions, and specify that each template file uses this class as its base.
- D. Create a new class with all required extensions and copy it to the Global Assembly Cache (GAC).

Answer: C

Question: 36

You implement a Web site that uses Microsoft Content Management Server 2002 (MCMS). The Web site includes a custom .NET console application that performs automated publication of content from an application database. MCMS Application Context manages the publication process. You have also extended the workflow in the MCMS Web site by using publishing event handlers in a custom HTTP module. The extension sends e-mail notifications for all newly published or modified items. You notice that these notifications are not being sent for items created by a custom console application. You need to ensure that notifications are sent when items are created by the custom console application. What should you do?

- A. Include a reference to the custom HTTP module in the console application.
- B. Make the console application and the MCMS Web projects part of the same Microsoft Visual Studio?.NET solution.
- C. Develop an independent set of methods accessible by both the console application and the custom HTTP module to send notifications.
- D. Run the console application on the same physical server containing the MCMS Web projects.

Answer: C Question: 37

You develop a portal solution that includes Microsoft Content Management Server 2002 (MCMS). You need to restrict the formatting options available within an HTML placeholder. You have changed the placeholder definition in the Template Gallery Item from its default value of "FullFormatting" to "HTMLStyles". Which of the following HTML tags will be allowed within the placeholder? (Choose all that apply.)

- A.
- B.
- C. <TABLE>
- D. <BLOCKQUOTE>
- E.
- F.
- G. <DIR>
- H.
- I. <H1>

Answer: B, D, E, F, G, I

Question: 38

You build a portal solution that includes Microsoft Content Management Server 2002 (MCMS). You implement multiple MCMS templates that are connected. You need to add a new placeholder to one of these templates. In the MCMS Template Explorer, you identify the template and see that it is not checked out. When you attempt to check out the template definition that you want to modify, you receive a message stating that the template is locked by another user. You need to find out how a template that is not checked out could be locked by another user. What is the most likely cause of the problem?

- A. Another template designer has checked out the template source file in Microsoft Visual SourceSafe
- B. A template that is connected to the one you are working on is checked out by another user.
- C. An MCMS Site Deployment Manager export operation is in progress.
- D. An author is currently publishing a page that uses the template that you are trying to check out.

Answer: B

Question: 39

You are implementing a Web site that is managed by Microsoft Content Management Server 2002 (MCMS). Part of the implementation includes the publication of content that resides in an application database. Each row in a specific database table contains content that you want to publish as a separate MCMS page. You create a .NET console application that extracts data from the database and publishes the content to MCMS. Now you need to decide which methods you should use in order to publish a posting. Your objective is to identify the methods that you will use in your custom application to publish a posting. Which three methods should you use? (Choose three.)

- A. CmsCollection.CopyTo
- B. Placeholder.RetrieveContent
- C. Channel.CreatePosting
- D. Posting.Approve
- E. PlaceholderDefinition.Serialize
- F. CmsContext.CommitAll
- G. Posting.RevisionForDate
- H. Template.ValidateChangeToken

Answer: C, D, F

Question: 40 DRAG DROP You work as a developer at Company.com. You are developing a Web Part that has custom properties. You want one of the customer properties to be configured in the same manner for all users. You want the property to appear in a miscellaneous section of the task pane when users place the Web Part on a page. You want the friendly name of the property to be Expand Contacts List. You need to configure the properties of the Web Part so that the custom property appears in the miscellaneous section and has a friendly name of Expand Contacts List for all users. What should you do? To answer, move the

appropriate actions from the list of actions to the answer area.

Possible Actions	Complete Solution
Category("View")	
WebPartStorage("Storage.Shared")	
WebPartStorage("Storage.None")	
DefaultValue("Expand Contacts List")	
FriendlyName("Expand Contacts List")	

Answer:

Possible Actions	Complete Solution
Category("View")	FriendlyName("Expand Contacts List")
WebPartStorage("Storage.Shared")	WebPartStorage("Storage.Shared")
WebPartStorage("Storage.None")	
DefaultValue("Expand Contacts List")	
FriendlyName("Expand Contacts List")	

Question: 41

You are developing a management tool to manage a SharePoint portal farm within an organization. You want to be able to add and remove servers from the portal farm automatically. You are using Microsoft Operations Manager-Server 2005 (MOM) to monitor the health of individual servers in the port farm. When MOM 2005 detects the failure of a server, your management tool must add a replacement server to the farm. When the failing server is repaired, your management tool must remove the replacement server from the farm. You need to select the appropriate SharePoint namespace for managing the SharePoint portal farm. What should you do?

- A. Manage the portal farm by using Microsoft.SharePoint.Portal.Alerts namespace.
- B. Manage the portal farm by using Microsoft.SharePoint.Portal.SiteData namespace
- C. Manage the portal farm by using Microsoft.SharePoint.Portal.Topology namespace.
- D. Manage the portal farm by using Microsoft.SharePoint.Portal.Search.ObjectModel namespace.

Answer: C

Question: 42 DRAG DROP You work as a developer at Company.com. You are creating a portal solution that must retrieve and display XML-based information from a Web service by using Microsoft Windows SharePoint Services. You want your solution to require as little coding as possible. You need to create a portal solution that can retrieve and display XML-based information from a Web service. You need to create the solution by using minimal coding. What should you do? To answer, move the appropriate

actions from the list of actions to the answer area and arrange them in the correct order.

Possible Actions	Complete Solution
Open the portal site in Microsoft FrontPage® 2003.	
Create a Form Library in the portal site.	
Configure the Data View Web Part to consume the data source.	
Configure the Content Editor Web Part to consume the data source.	
Add a Data View Web Part to the Web Part Page.	

Answer: Question: 43

Possible Actions	Complete Solution
Open the portal site in Microsoft FrontPage® 2003.	Open the portal site in Microsoft FrontPage® 2003.
Create a Form Library in the portal site.	Configure the Data View Web Part to consume the data source.
Configure the Data View Web Part to consume the data source.	Add a Data View Web Part to the Web Part Page.
Configure the Content Editor Web Part to consume the data source.	
Add a Data View Web Part to the Web Part Page.	

You are developing an ASP.NET application that will access a Microsoft Windows? SharePoint Services site. Your application must display all the sites and subsites in the Windows SharePoint Services site. Your application must access the appropriate service Windows SharePoint Services to display all the sites and subsites. What should you do?

- A. Use the Sites Web service http://<server_name>/_vti_bin/Sites.asmx.
- B. Use the Sites Data Web service http://<server_name>/_vti_bin/SiteData.asmx.
- C. Use the Webs Web service http://<server_name>/_vti_bin/Webs.asmx.
- D. Use the Data Retrieval Web service http://<server_name>/_vti_bin/DspSts.asmx.

Answer: C

Question: 44

You have an existing SharePoint portal solution that targets information to users by using audiences. The audiences and membership of the audiences change frequently. You need to develop a utility that automates the configuration of the audiences for all portal sites within your portal solution. Which two actions should you take? (Each correct answer presents part of the solution. Choose two.)

- A. Develop the utility based on the Microsoft.SharePoint.Portal.SiteData namespace.
- B. Develop the utility based on the Microsoft.SharePoint.Portal.Audiences namespace.

- C. Develop the utility based on the Microsoft.SharePoint.Portal.WebControls namespace.
- D. Develop the utility based on the Microsoft.SharePoint.Portal.UserProfiles namespace.
- E. Develop the utility based on the Microsoft.SharePoint.Portal.Admin.Search namespace.
- F. Develop the utility based on the Microsoft.SharePoint.Portal.Search.ObjectModel namespace.

Answer: A, B

Question: 45

You are using Microsoft Office FrontPage? 2003 to create and add a Web Part to a Web Part zone. The Web Part must provide full-fidelity rendering while you are working in FrontPage. You want the Web Part to appear in FrontPage exactly as it will appear in the SharePoint site. What should you do?

- A. Call the RenderWebPartHtml method in the IDesignTimeHtmlProvider interface.
- B. Call the GetDesignTimeHtml method in the IDesignTimeHtmlProvider interface.
- C. Call the RenderWebPart method of the WebPart class.
- D. Call the Render method of the WebPartZone class.

Answer: B

Question: 46

You are creating a Microsoft Windows? SharePoint Services portal solution that includes an existing Web Part. The existing Web part consumes XML data from a Web service. The Web Part is displayed in Shared and personal modes of the Web page. You want to ensure that the content displayed in your Web Part changes based on how the Web page is being viewed, whether shared or personal. You need to ensure the content in your Web Part changes when viewed in shared or personal mode. What should you do?

- A. Call the PartCacheRead or PartCacheWrite with Storage.Shared.
- B. Call the PartCacheRead or PartCacheWrite with Storage.Private.
- C. Call the PartCacheRead or PartCacheWrite with Storage.None.
- D. Call the PartCacheRead or PartCacheWrite with Storage.PreRender.

Answer: C

Question: 47 DRAG DROP You work as a developer at Company.com. You are creating a Web Part Page template for a Microsoft Office SharePoint Portal Server 2003 site. All authorized users must be able to create Web Part Pages by using the template. You need to allow all authorized users to create Web part Pages using your newly created template. You need to do this with the least administrative effort. What should you do? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Possible Actions	Complete Solution
Add the template to the Central Site Template gallery.	
List the template in SharePoint Central Administration.	
Modify the properties of the Web Part Page creation form to allow the use of custom Web Part Page templates in the site.	
Modify the Web Part Page creation form to include a reference to the new Web Part Page template.	
Create a custom Web Part Page creation form.	
Create a template definition for the new Web Part Page template.	

Answer: Question: 48

Possible Actions	Complete Solution
Add the template to the Central Site Template gallery.	Create a custom Web Part Page creation form.
List the template in SharePoint Central Administration.	Modify the Web Part Page creation form to include a reference to the new Web Part Page template.
Modify the properties of the Web Part Page creation form to allow the use of custom Web Part Page templates in the site.	
Modify the Web Part Page creation form to include a reference to the new Web Part Page template.	
Create a custom Web Part Page creation form.	
Create a template definition for the new Web Part Page template.	

You are using Microsoft Visual Studio? .NET to create a new Web Part that receives data from another Web Part. The Web Part templates for Visual Studio .NET are installed, and you have created a new project based on the Web Part Library template. You need to complete the process for creating the new Web Part in Visual Studio .Net. What should you do?

- A. Add a new item in Visual Studio .NET, and select the Provider Web Part.
- B. Add a new item in Visual Studio .NET, and select the Web Part description (.dwp) file.
- C. Add a new item in Visual Studio .NET, and select the Tool Part.
- D. Add a new item in Visual Studio .NET, and select the Consumer Web Part.

Answer: D

Question: 49 DRAG DROP You work as a developer at Company.com. You want to develop a utility that will programmatically change the theme for a SharePoint portal site and all subsites. Administrators will provide the new utility with a target site. Your utility must modify only the theme in that portal site and all subsites beneath the specified portal site. None of the other information should be modified. You need to create a utility that allows administration to change the theme for a specific portal site and subsite. What should you do? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Possible Actions	Complete Solution
Identify the portal sites to update by enumerating the SPWebCollection class.	
Identify the portal sites to update by enumerating the SPWebTemplate.WebTemplate enumeration.	
Identify the portal sites to update by enumerating the SPWebTemplate class.	
Invoke the ApplyTheme method for the SPWeb class for the portal site and subsites.	
Invoke the GetWebTemplates method for the SPSite class for the portal site and subsites.	
Invoke the OpenWeb method for the SPSite class for the portal site and subsites.	

Answer:

Possible Actions	Complete Solution
Identify the portal sites to update by enumerating the SPWebCollection class.	Identify the portal sites to update by enumerating the SPWebCollection class.
Identify the portal sites to update by enumerating the SPWebTemplate.WebTemplate enumeration.	
Identify the portal sites to update by enumerating the SPWebTemplate class.	
Invoke the ApplyTheme method for the SPWeb class for the portal site and subsites.	Invoke the ApplyTheme method for the SPWeb class for the portal site and subsites.
Invoke the GetWebTemplates method for the SPSite class for the portal site and subsites.	
Invoke the OpenWeb method for the SPSite class for the portal site and subsites.	

Question: 50

You have an existing Web site template that appears in the Site Template gallery of a top-level portal site. The template is currently used when users create subsites. You need to add the site template to the Central Site Template gallery so that it is available for self-service site creation. What should you do?

- A. Develop a Microsoft .NET console application based on the SPGlobalConfig.
- B. Develop a .NET console application that uses the SaveAsTemplate method of the SPWeb class.
- C. Import the site template from SharePoint Central Administration.
- D. Use the Stsadm.exe tool to add the site template.

Answer: D

Question: 51 DRAG DROP You work as a developer at Company.com. You are developing a Microsoft Windows SharePoint Services portal solution for an organization. You want to create customized Web Part page templates so that you can provide additional page layouts to users. You need to create customized Web Part Page templates so that users can have access to additional page layouts. What should you do? (Choose all that apply.) To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Possible Actions	Complete Solution
Create a customized Web Part Page creation form (Custspcf.aspx).	
Modify the standard Web Part Page creation form (Spcf.aspx).	
Add a link on your portal that points to the Web Part Page creation form.	
Create custom Web Part Page templates.	
Copy custom Web Part Page templates into the SMARTPGS folder.	
Copy custom Web Part Page templates into the LAYOUTS folder.	

Answer: Question: 52

Possible Actions	Complete Solution
Create a customized Web Part Page creation form (Custspcf.aspx).	Create a customized Web Part Page creation form (Custspcf.aspx).
Modify the standard Web Part Page creation form (Spcf.aspx).	Create custom Web Part Page templates.
Add a link on your portal that points to the Web Part Page creation form.	Copy custom Web Part Page templates into the SMARTPGS folder.
Create custom Web Part Page templates.	Add a link on your portal that points to the Web Part Page creation form.
Copy custom Web Part Page templates into the SMARTPGS folder.	
Copy custom Web Part Page templates into the LAYOUTS folder.	

You build Microsoft Content Management Server 2002 (MCMS) templates using Microsoft Visual Studio? .NET. Using the MCMS Template Explorer window, you create a new template definition inside one of the template galleries. You also create the

corresponding template file in the MCMS Web application project, and you reference this new template file in the properties of the template definition. After completing your template design work, you build the solution without errors. The template definition's status is Checked Out. From the Solution Manager, you select the View in Browser option. The browser window in Visual Studio displays the following error:

"This operation requires the context of a Posting. The request must have a valid Posting URL or QueryString so that the CmsHttpContext.Posting will not be null."

What is the most likely cause of the error?

- A. You must first browse the MCMS site from the browse window within Visual Studio and log on to the site as an Author, Editor, or Administrator.
- B. MCMS can only render a template by using a posting context. The View in Browser option does not establish this context.
- C. The template definition is new and checked out. There is no checked-in template version to use to establish a context
- D. The Map Host Headers to Channel Names option has been enabled, but the template URL does not correspond to a channel path.

Answer: B

Question: 53

You are creating a shared Web Part that needs to connect to a private Web Part. The private Web Part is a consumer. You need to configure the Web Parts so that the public Web Part can connect to the private Web Part. What should you do? (Choose all that apply.)

- A. On the public Web Part, set the maximum number of connections to 1.
- B. On the public Web Part, set the maximum number of connections to unlimited
- C. On the private Web Part, set the maximum number of connections to 1.
- D. On the private Web Part, set the maximum number of connections to unlimited.

Answer: A, C

Question: 54

You are developing custom controls for Microsoft Windows? SharePoint Services. You must create a custom control that allows runtime interaction with WebPartPages and WebPartZones on the portal server. You want to create the custom control based on an existing class that allows runtime interaction with WebPartPages and WebPartZones. From which class should you derive the custom controls?

- A. Microsoft.SharePoint.WebPartPages
- B. Microsoft.SharePoint.WebPartPages.WebPart
- C. System.Web.UI.WebControls
- D. System.Web.UI.WebControls.WebControl

Answer: B

Question: 55

You are developing a Web Part. The Web Part includes code to populate a drop-down list box when a page containing the Web Part is first loaded. Thereafter, the drop-down list box must be populated from the ViewState property of the page. You want to ensure that the new Web Part populates the drop-down list box each time the page is loaded or viewed. What should you do?

- A. Add code that checks the this.page.IsPostBack property of the page.

- B. Add code that checks whether the AutoPostBack property is set to TRUE for the drop-down list box.
- C. Add code that checks the IsPostBack property of the page.
- D. Add code that checks the Items.Count property value of the drop-down list box.

Answer: D

Question: 56

You are creating an application that connects to an existing Web Part in a Microsoft Office SharePoint Portal Server 2003 site. You will configure the existing Web Part to use the IRowProvider connection interface. The new application will also include a new Web Part that is implemented with the ICellConsumer connection interface. Your new Web Part must use a transformer to connect to the existing Web Part. You need to complete the connection between your new Web Part and the existing Web Part. What should you do?

- A. Override the GetInitEventArgs method in the existing Web Part.
- B. Override the RegisterInterface method in the new Web Part.
- C. Create an IRowProvider class in the existing Web Part.
- D. Create an ICellConsumer class in the new Web Part.

Answer: A

Question: 57 DRAG DROP You work as a developer at Company.com. You are developing a Web Service for a Web site by using Microsoft Visual Studio® .NET. The Company site runs on Microsoft Windows® SharePoint Services. You will manually install the Web service on the SharePoint Services server. You want to develop the Web service and then manually install the service on the SharePoint Services server. What should you do? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Possible Actions	Complete Solution
In the Global.asax file for the project, replace the XML processing instructions with page directives that define the XML version and encoding.	
Add a reference to Windows SharePoint Services in the project.	
Modify the Web service class as necessary, and then compile the project.	
Create an ASP.NET Web service project.	
Remove the System.Web.Services reference from the project.	
Add the Web service files to the physical directory that corresponds to the applicable virtual directory.	

Answer:

Possible Actions	Complete Solution
In the Global.asax file for the project, replace the XML processing instructions with page directives that define the XML version and encoding.	Add a reference to Windows SharePoint Services in the project.
Add a reference to Windows SharePoint Services in the project.	Create an ASP.NET Web service project.
Modify the Web service class as necessary, and then compile the project.	Modify the Web service class as necessary, and then compile the project.
Create an ASP.NET Web service project.	Add the Web service files to the physical directory that corresponds to the applicable virtual directory.
Remove the System.Web.Services reference from the project.	
Add the Web service files to the physical directory that corresponds to the applicable virtual directory.	

Question: 58

You develop a Microsoft Content Management Server 2002 (MCMS) Web site on a Microsoft Windows? XP Professional computer. You have two projects: an MCMS Web application project and a custom Web control project. One of the custom Web controls is producing an error. You need to troubleshoot the logic to discover the cause of the error. You need to enable debugging in Microsoft Visual Studio? .NET by using breakpoints in your custom Web control assembly. Which two actions should you take? (Choose two. Each correct answer presents a complete solution.)

- A. Open both projects. Set the breakpoints in your custom control code, and select Debug, then Start from the menu
- B. Open both projects. Ensure that the Web project has a Start Page defined, set the breakpoints in your custom control code, and select Debug, then Start from the menu.
- C. Open both projects. Set the breakpoints in your custom control code, and select Debug, then Processes from the menu. Attach the W3wp.exe process to the Common Language Runtime debugging feature, click OK and Close.
- D. Open both projects. Set the breakpoints in your custom control code, and select Debug, then Processes from the menu. Attach the Aspnet_wp.exe process to the Common Language Runtime debugging feature, click OK and Close.
- E. Open your custom Web control project. Set the breakpoints in your custom control code, and select Debug, then Processes from the menu. Attach the Aspnet_wp.exe process to the Common Language Runtime debugging feature, click OK and Close.
- F. Open your custom Web control project. Set the breakpoints in your custom control code, and select Debug, then Step Into from the menu.

Answer: B, D

Question: 59

You are developing a WinForm application to manage SharePoint lists on portal servers within your organization. The WinForm application will manage SharePoint lists through a WinForms DataGrid control. You will need the ability to manage the SharePoint lists by using Simple Object Access Protocol (SOAP) and Collaborative Application Markup Language (CAML). You need to manage the SharePoint lists by using the appropriate method. What should you do?

- A. Manage the SharePoint lists by using ADO.NET DiffGrams.
- B. Manage the SharePoint lists by using ADO.NET Batch statements.
- C. Manage the SharePoint lists by using CAML DiffGrams.
- D. Manage the SharePoint lists by using CAML Batch statements

Answer: D

Question: 60

You are creating a team collaboration portal solution. Team members submit XML data created by Microsoft Infopath? 2003. After the XML data is submitted, the workflow process for each team is unique to each team. The team members involved and the approval process is different for each team. Ultimately, the XML data is forwarded to a number of internal and external systems for processing. The external systems are owned and maintained by partners. You want to ensure that the distribution of the XML files to these systems is automated. You must provide a customizable workflow for each team, while reducing the amount of redundant coding required. What should you do?

- A. Apply the existing workflow process in SharePoint Portal Server 2003.
- B. Apply Microsoft BizTalk? Server 2004 orchestration features.
- C. Create a .NET assembly for each team that implements the unique workflow process.
- D. Create a Web Part for each team that implements the unique workflow process.

Answer: B

Question: 61 DRAG DROP You work as a developer at Company.com. You are developing a template for an application that runs on Microsoft Windows SharePoint Services. You are using Microsoft Content Management Server 2003 (MCMS) to manage and deploy the application.

Users will create content in Microsoft Office Word 2003 and the use Authoring Connector to submit the content to the Content Management Server site. The template must display the content created in Word 2003. You must develop a template that will allow users to create content in Word 2003 that can be displayed in the Windows SharePoint Services site. What should you do? (Choose all that apply.) To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Possible Actions	Complete Solution
Add an HTMLPlaceholderControl placeholder control to Authoring Connector.	
Add an OfficeHTMLPlaceholderDefinition placeholder definition to the template.	
Add a Web Author console to the OfficeAttachmentPlaceholderDefinition placeholder definition.	
Add an Authoring Connector console to the OfficeHTMLPlaceholderDefinition placeholder definition.	
Add an HTMLPlaceholderControl placeholder control to the template file.	
Associate the OfficeAttachmentPlaceholderDefinition placeholder definition with the template file.	
Associate the HTMLPlaceholderControl placeholder control with the OfficeHTMLPlaceholderDefinition placeholder definition.	

Answer: Question: 62

Possible Actions	Complete Solution
Add an HTMLPlaceholderControl placeholder control to Authoring Connector.	Add an OfficeHTMLPlaceholderDefinition placeholder definition to the template.
Add an OfficeHTMLPlaceholderDefinition placeholder definition to the template.	Add an HTMLPlaceholderControl placeholder control to the template file.
Add a Web Author console to the OfficeAttachmentPlaceholderDefinition placeholder definition.	Associate the HTMLPlaceholderControl placeholder control with the OfficeHTMLPlaceholderDefinition placeholder definition.
Add an Authoring Connector console to the OfficeHTMLPlaceholderDefinition placeholder definition.	
Add an HTMLPlaceholderControl placeholder control to the template file.	
Associate the OfficeAttachmentPlaceholderDefinition placeholder definition with the template file.	
Associate the HTMLPlaceholderControl placeholder control with the OfficeHTMLPlaceholderDefinition placeholder definition.	

You are developing a portal based on Microsoft SharePoint Portal Services 2003 and Microsoft Content Management Server 2002 (MCMS). This implementation includes both the MCMS 2002 Authoring Connector and the MCMS 2002 Connector for SharePoint Technologies. You are developing an MCMS template that will allow authors to select documents contained within SharePoint document libraries. These documents are displayed as links on the rendered MCMS pages. Your objective is to allow authors to select SharePoint Library documents for inclusion on MCMS pages, along with metadata for those documents. Your MCMS template must contain a specific placeholder control that will enable these capabilities. Which one of the following controls is the correct one to use?

- A. XMLPlaceholder
- B. OfficeHTMLPlaceholder
- C. OfficeAttachmentPlaceholder
- D. SharePointDocumentPlaceholder

Answer: D

Question: 63 DRAG DROP You work as a developer at Company.com. You are developing a portal solution for a Web site that is managed by Microsoft Content Management Server 2002 (MCMS). You want to publish Microsoft InfoPath™ form documents that are stored in a Microsoft SharePoint document library to a Web page that is managed by MCMS. You need to ensure that any updates to the form documents are reflected automatically in the Web page. You need to display the current versions of the InfoPath form documents in the Web site managed by MCMS. What should you do? (Choose all that apply.) To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Possible Actions	Complete Solution
Place a placeholder control on the Web page for each form document in the SharePoint Library.	
Place a placeholder object on the Web page for all form documents in the SharePoint Library.	
Select the MCMS rendering script that renders the metadata for the form document.	
Select the MCMS rendering script that renders the content of the form document.	
Synchronize the content of the form document with the MCMS Web site by running the MCMS update utility.	
Synchronize the content of the form document with the MCMS Web site by scheduling the MCMS update utility to run periodically.	

Answer: Question: 64

Possible Actions	Complete Solution
Place a placeholder control on the Web page for each form document in the SharePoint Library.	Place a placeholder control on the Web page for each form document in the SharePoint Library.
Place a placeholder object on the Web page for all form documents in the SharePoint Library.	
Select the MCMS rendering script that renders the metadata for the form document.	Select the MCMS rendering script that renders the content of the form document.
Select the MCMS rendering script that renders the content of the form document.	
Synchronize the content of the form document with the MCMS Web site by running the MCMS update utility.	Synchronize the content of the form document with the MCMS Web site by scheduling the MCMS update utility to run periodically.
Synchronize the content of the form document with the MCMS Web site by scheduling the MCMS update utility to run periodically.	

You are developing a portal solution that must integrate with an existing custom, Web-based application. You want the Web-based application to be accessible within the portal site. You also want it to appear as an integral part of the portal site. You need to integrate the application into the portal site without modifying the application in any way. What should you do?

- A. Provide access to the application by using the Links Web Part.
- B. Provide access to the application by using the Form Web Part.
- C. Display the application in the portal site by using the Page Viewer Web Part.

D. Display the application in the portal site by using the Site Templates Web Part.

Answer: C

Question: 65 DRAG DROP You work as a developer at Company.com. You are developing a Microsoft Windows®SharePoint Services portal site that integrates with a non-Microsoft application. The application manages information you want to be displayed in a Spreadsheet Web Part. You need to recommend the appropriate steps to allow the Spreadsheet Web Part to access the information managed by the non-Microsoft application. What should you do? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Possible Actions	Complete Solution
Obtain or develop a data retrieval service for the application.	
Obtain or develop an updated Schema.xml file for the application.	
Create a Properties.xfp file that uses Collaborative Application Markup Language (CAML) to define how to present the information from the .xml files.	
Place the Properties.xfp file in the Forms folder of the form library.	
Bind the data retrieval service.	
Update the updated Schema.xml to the site template.	

Answer: Question: 66

Possible Actions	Complete Solution
Obtain or develop a data retrieval service for the application.	Obtain or develop a data retrieval service for the application.
Obtain or develop an updated Schema.xml file for the application.	
Create a Properties.xfp file that uses Collaborative Application Markup Language (CAML) to define how to present the information from the .xml files.	
Place the Properties.xfp file in the Forms folder of the form library.	
Bind the data retrieval service.	Bind the data retrieval service.
Update the updated Schema.xml to the site template.	

You are developing an application that runs on Microsoft Windows? SharePoint Services. You want the application to include a SharePoint list Web Part. You want to populate the list Web Part with data from a Microsoft Office Excel 2003 worksheet. You want to display the worksheet data in the list Web Part on the Windows SharePoint Services site. What should you do?

- A. Open a recordset, and manipulate the list programmatically.
- B. Call the Publish method of the corresponding ListObject.
- C. Call the Worksheet method of the corresponding Range object.
- D. Use a structured query language (SQL) statement to retrieve the data.

Answer: B

Question: 67 DRAG DROP You work as a developer at Company.com. You are creating a portal solution for an organization by using SharePoint Portal Server 2003. The portal solution will be used to aggregate information within the organization. You need to create a search Web Part that allows users to locate information only in Exchange folders. You want to configure the integration features in SharePoint Portal Server 2003 to search the Exchange folders. How should you configure the search feature in SharePoint Portal Server 2003 so that it can search the Exchange folders? (Choose all that apply.) To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Possible Actions	Complete Solution
Create a new Web Part based on the search Web Part.	
Create a new Web Part page template based on the portal home page.	
Create a search scope that contains only the Exchange content source.	
Create a content source for the Exchange public folders.	
Configure Exchange Server 2003 to display the public folders as Internet newsgroups.	
Configure Exchange Server 2003 to display the public folders in Outlook(R) Web Access (OWA).	

Answer:

Possible Actions	Complete Solution
Create a new Web Part based on the search Web Part.	Create a search scope that contains only the Exchange content source.
Create a new Web Part page template based on the portal home page.	Create a content source for the Exchange public folders.
Create a search scope that contains only the Exchange content source.	Create a new Web Part based on the search Web Part.
Create a content source for the Exchange public folders.	
Configure Exchange Server 2003 to display the public folders as Internet newsgroups.	
Configure Exchange Server 2003 to display the public folders in Outlook(R) Web Access (OWA).	

Question: 68

You are developing a portal solution by using Microsoft SharePoint Portal Server 2003. The solution must integrate with existing Web content that is hosted on a third-party operating system. You want to display the Web content directly within the portal site. You want to reflect any changes in the Web content automatically in the portal site. You need to integrate the existing Web content directly within the portal site. What should you do?

- A. Display the HTML content by using the Form Web Part.
- B. Display the HTML content by using the Content Editor Web Part.
- C. Provide access to the HTML content by using the Links Web Part.
- D. Provide access to the HTML content by using the Form Web Part.

Answer: B

Question: 69

You are a developer in the implementation of a Microsoft Windows? SharePoint Services (WSS) site. You are building a sample Microsoft Office Excel 2003 spreadsheet to convey to Excel users how they can work with SharePoint lists dynamically from within their spreadsheets. Your objective is to allow dynamic access to SharePoint lists from an Excel spreadsheet to display and update these lists. Which approach should you take?

- A. Write Microsoft Visual Basic? for Applications code to work with the ListObjects extensions in Excel 2003. Ensure that Excel can access the WSS site by its URL and by its SharePoint list name.
- B. Publish the list from WSS by using a custom Data View Web Part. Access this data in your Excel 2003 spreadsheet by using the Data ?iC Import External Data ?iC New Web Query menu. In the menu, specify the URL for the Data View Web Part page in order to access the data.
- C. From Excel 2003, select the menu path Data ?iC Import External Data ?iC New Database Query. Create a new data source by using the SQL Server? driver, and reference the WSS data store named STS_<server-name>. Design a SQL query to access the SharePoint list in the WSS data store.
- D. Publish the Excel 2003 document to a Document Workspace site in the WSS implementation.

Answer: A

Question: 70

You are creating a Microsoft Office SharePoint Portal Server 2003 site that displays data from a legacy application. Microsoft BizTalk? Server 2004 retrieves the data from the legacy application and then writes the data to XML files. The SharePoint Portal Server site must be able to display the data from the XML files. You need to display the legacy application data in the SharePoint Portal Server site. What should you do?

- A. Customize the XML query template by adding a FOR XML clause that references the XML source files.
- B. Customize the XML manifest file of the site template by adding a reference to the XML source files.
- C. Create a Web Part that uses the XMLDATA parameter of the Display method to display the XML data.
- D. Create a Web Part that uses the XMLWebPart class to display the XML data.

Answer: D

Question: 71

You are developing an application that runs on Microsoft Windows? SharePoint Services. The application is based on Microsoft Commerce Server 2002 and integrates with Microsoft BizTalk? Server 2004. Commerce Server and BizTalk Server are installed on different computers. Product catalogs from multiple vendors are imported into BizTalk Server. You need to develop an application that must allow the exchange of catalog data between Commerce Server and BizTalk Server through the Windows SharePoint Services site. What should you do?

- A. Create a catalog schema that defines the XML structure.
- B. Define an Application Integration Component (AIC) to import the XML catalogs.
- C. Add a BizTalk Server site resource to the Commerce Server application.
- D. Associate a vendor ID with each product catalog.

Answer: A

Question: 72

You are creating a collaboration portal solution for an organization by using Microsoft SharePoint Portal Server 2003. The solution will be used by teams within the organization to collaborate on projects. Team members must be able to create issue lists. The issue list must include charts that represent the progress in resolving the issues. You need to include the components to enable charts to be displayed in issue lists. What should you do?

- A. Modify the report.aspx file to include a chart Web Part.
- B. Modify the reporthome.aspx to include a chart Web Part
- C. Install Microsoft Office 2003 Excel with all components on the SharePoint portal server.
- D. Install Microsoft Office 2003 English Web Parts and Components on the SharePoint portal server.

Answer: D

Question: 73

You are developing an application that runs on a site managed by Microsoft Content Management Server 2002 (MCMS). You want to use Content Management Server 2002 Connector for SharePoint Technologies to enable users to publish SharePoint Document Library content on the Content Management Server site. The Document Library content includes Microsoft Office documents, images, and Microsoft Office InfoPath(TM) 2003 forms. You need to allow users to automatically publish their documents stored in the SharePoint Document Library to the site managed by Content Management Server. What should you do?

- A. Call the SharePoint search Web service to find the appropriate information.
- B. Add a Content Management Server Page Listing Web Part to the SharePoint Portal Server site.
- C. Add the SharePoint Library placeholder to the appropriate Content Management Server templates

D. Create a custom placeholder control that calls the SharePoint Library.

Answer: C

Question: 74 DRAG DROP You work as a developer at Company.com. You are developing a portal solution for Company.com that runs Microsoft Exchange Server 2003. You need to ensure that the solution will provide remote users with access to outstanding tasks, calendar scheduling, and e-mail. Which action or actions should you take? (Choose all that apply.) To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Possible Actions	Complete Solution
Include the Events, Calendar, and Tasks Web Parts on the main portal page.	
Include the My Inbox, My Calendar, and My Tasks Web Parts on My Site.	
Display the Web Parts to all users by using audiences.	
Display the Web Parts only to all authenticated users by using audiences.	
Create an audience that includes all users in the Exchange directory.	

Answer:

Possible Actions	Complete Solution
Include the Events, Calendar, and Tasks Web Parts on the main portal page.	Include the My Inbox, My Calendar, and My Tasks Web Parts on My Site.
Include the My Inbox, My Calendar, and My Tasks Web Parts on My Site.	
Display the Web Parts to all users by using audiences.	
Display the Web Parts only to all authenticated users by using audiences.	
Create an audience that includes all users in the Exchange directory.	

Question: 75 DRAG DROP You work as a developer at Company.com. You are developing an application that is managed by Microsoft Content Management Server 2003 (MCMS). The application uses Content Management Server 2002 Connector for SharePoint Technologies to integrate with a SharePoint Server 2003 site. You will create a custom view, as part of the application that is based on the MCMS Page Listing Web Part in MCMS Connector for SharePoint Technologies. You need to display the SharePoint site content in the application managed by MCMS. What should you do? (Choose all that apply.) To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Possible Actions	Complete Solution
Create a Web Part Page that references the code-behind file for the custom view.	
Create a placeholder control that references the class in a strongly named Microsoft .NET assembly.	
Build a class to implement the custom view in a strongly named Microsoft .NET assembly.	
Build a class to implement the MCMS Page Listing Web Part in a Microsoft.SharePoint assembly.	
Add the strongly named .NET assembly to the Global Assembly Cache.	
Modify the AssemblyInfo.cs file to include a reference to the MCMS Page Listing Web Part.	
Modify the Web.config file to specify the strongly named .NET assembly as a safe assembly.	

Answer:

Possible Actions	Complete Solution
Create a Web Part Page that references the code-behind file for the custom view.	Build a class to implement the custom view in a strongly named Microsoft .NET assembly.
Create a placeholder control that references the class in a strongly named Microsoft .NET assembly.	Add the strongly named .NET assembly to the Global Assembly Cache.
Build a class to implement the custom view in a strongly named Microsoft .NET assembly.	Modify the Web.config file to specify the strongly named .NET assembly as a safe assembly.
Build a class to implement the MCMS Page Listing Web Part in a Microsoft.SharePoint assembly.	
Add the strongly named .NET assembly to the Global Assembly Cache.	
Modify the AssemblyInfo.cs file to include a reference to the MCMS Page Listing Web Part.	
Modify the Web.config file to specify the strongly named .NET assembly as a safe assembly.	