Question 1
Which five actions should you perform in sequence?
Users report that an app is slow to load. You navigate to the start page for the app in Internet Explorer and then open the Developer Tools window. You need to debug the JavaScript code.
Which five actions should you perform in sequence? (To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

Select and Place:

Correct Answer:

Explanation/Reference:
In the Script tab, you see the source pane on the left, where you can view your JavaScript code, set breakpoints, and step through the execution path of your functions. In the right pane, you can switch between the console, watch variables, local variables, watch stack, and breakpoint tabs.
Question 2
How should you complete the relevant code?
You create term sets and multi-lingual labels for a site collection. The default locale, language, and culture for the term sets are set to English. You develop a console application to create labels for a term named Memory. The console application uses the English locale. You develop the following labels for the term named Memory:

<table>
<thead>
<tr>
<th>Culture</th>
<th>Default value</th>
<th>Synonyms</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>memory</td>
<td>storage</td>
</tr>
<tr>
<td>French</td>
<td>memore</td>
<td>stockage</td>
</tr>
<tr>
<td>Italian</td>
<td>memoria</td>
<td>conservazione</td>
</tr>
<tr>
<td>Spanish</td>
<td>memoria</td>
<td>almacenamiento</td>
</tr>
<tr>
<td>German</td>
<td>speicher</td>
<td>lagerung</td>
</tr>
</tbody>
</table>

You need to create German labels for the term named Memory. How should you complete the relevant code? (To answer, select the appropriate code segment from each drop-down list in the answer area)

Correct Answer:
Question 3
How should you complete the relevant code?
You work for a company named Contoso, Ltd. that sells computer parts. You tag inventory lists by using a term set named Computer Parts Classification. The term set is structured as follows.

You must create a console application that accesses the SharePoint site and you must add a ClientContext object named ctx. You need to create a term named i7-2600K that is a child of the CPU node and add a shared property to the i7-2600K term.
How should you complete the relevant code? (To answer, select the appropriate code segment from each drop-down list in the answer area)

Correct Answer:
Question 4
How should you complete the Windows PowerShell cmdlet?
You use the SharePoint 2013 Management Shell to access a SharePoint farm. A user reports an error in one of the apps that you have installed. The error message contains the correlation token ID of b49f64b3-4722-4336-9a5c-56c326b344d4.
You need to save a report of the complete error trace for all errors that were reported in the previous 30 minutes.
How should you complete the Windows PowerShell cmdlet? (To answer, select the appropriate option from each drop-down list in the answer area)

```
Get-SPLogEvent -starttime (get-date).AddMinutes(-20) | where-object { $_.correlation -eq "b49f64b3-4722-4336-9a5c-56c326b344d4" } | fl message > c:errors.txt
```

Correct Answer:
```
Get-SPLogEvent -starttime (get-date).AddMinutes(-90) | where-object { $_.correlation -eq "b09f64b3-7422-4336-9a5c-56c326b944d4" } | fl message > c:errors.txt
```

Question 5
Which values you include to complete the command?
You use the SharePoint 2013 Management Shell to access a SharePoint farm. A user reports an error in one of the apps that you have installed. The error message contains the correlation token ID of b49f64b3-4722-4336-9a5c-56c326b344d4.
You need to save a report of the complete error trace for all errors that were reported in the previous 90 minutes.
Which values you include to complete the command? (To answer, select the appropriate values from each drop-down list in the answer area.)
**Question 6**

Which three actions should you perform in sequence?

You develop a feature in a SharePoint solution by using Visual Studio 2012. You insert several breakpoints in the feature event receiver to debug performance issues.

You need to ensure that the code stops running when the solution reaches a breakpoint.

Which three actions should you perform in sequence? (To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order)

Select and Place:

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>set the value of the project's Active Deployment Configuration property to default.</td>
<td></td>
</tr>
<tr>
<td>Add a registry key named EnableDiagnostics to the HKCU\Software\Microsoft\VisualStudio\11.0\SharePointTools node of the registry, and then set the registry key value to 1.</td>
<td></td>
</tr>
<tr>
<td>Start to debug the SharePoint solution in Visual Studio.</td>
<td></td>
</tr>
<tr>
<td>set the value of the project's Active Deployment Configuration property to NO Activation.</td>
<td></td>
</tr>
<tr>
<td>Manually activate the feature in SharePoint by using Site Settings.</td>
<td></td>
</tr>
</tbody>
</table>

**Correct Answer:**

http://www.aoowe.com
**Explanation/Reference:**

**Debugging Feature Event Receivers:**

By default, when you run a Visual Studio SharePoint application, its features are automatically activated for you in the SharePoint server. However, this causes problems when you debug feature event receivers, because when a feature is activated by Visual Studio, it runs in a different process than the debugger. This means that some debugging functionality, such as breakpoints, will not work correctly.

To disable the automatic activation of the feature in SharePoint and allow proper debugging of Feature Event Receivers, set the value of the project’s Active Deployment Configuration property to No Activation before debugging. Then, after you start to debug your SharePoint application in Visual Studio, manually activate the feature in SharePoint. To activate the feature, open the Site Actions menu in SharePoint, choose Site Settings, choose the Manage Site Features link, and then choose the Activate button next to the feature, to continue debugging as normal.

**Question 7**

Which code segments should you include to complete the code?

You develop a Client Web Part for a SharePoint app. The Web Part retrieves weather data from an external web service by using Asynchronous JavaScript (AJAX). Users report that the pages that use the Client Web Part load slowly. You think that the script files that the page is using are causing the pages to load slowly.

You need ensure that the script files load as quickly as possible.

Which code segments should you include to complete the code? (To answer, select the appropriate code segment from each drop-down list in the answer area.)

**Hot Area:**

**Correct Answer:**

```html
<script type="text/javascript">
    var src = "http://ajax.aspnetcdn.com/ajax/4.0.7/jquery-1.3.2.js"
    var src = "http://ajax.aspnetcdn.com/ajax/4.0.7/microsoftAjax.js"
    src = "http://ajax.aspnetcdn.com/ajax/4.0.7/microsoftAjax.js"
</script>
```
Question 8
How should you complete the Windows PowerShell cmdlet?
You develop a SharePoint app for Contoso, Ltd. Contoso has offices in several countries. All of the local offices in each country are connected by using a Wide Area Network (WAN). Users store large data files in SharePoint document libraries. The users report that the files load very slowly. You need to ensure that the files are cached the first time that the files are opened at a local office.
How should you complete the Windows PowerShell cmdlet?
(To answer, drag the appropriate code segment to the correct targets in the answer area. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)
Select and Place:

Correct Answer:

Explanation/Reference:
BranchCache is a feature of the Windows 7, Windows 8, Windows Server 2008 R2 and Windows Server 2012 operating systems that caches content from file and web servers on a wide area network (WAN) on computers at a local branch office. In a geographically distributed SharePoint Server 2013 environment, BranchCache can optimize WAN performance by caching large files that users download from SharePoint Server 2013.

SPWeb.CacheAllSchema property gets or sets a Boolean value that specifies whether caching of all schemas on the website is enabled.


Question 9
Which three code segments should you use in sequence?
You deploy a solution to a SharePoint server.
You need to implement a method to programmatically access the health score of the SharePoint Server.
Which three code segments should you use in sequence?
The Health Score is as an integer between 0 and 10, where 0 represents a really good health of the server, or rather Web Application, and 10 is where you do not want to be. SharePoint continuously calculates the Health Score and for each and every request the Health Score is sent as an HTTP Response Header, called X-SharePointHealthScore.

When building rich applications on SharePoint you have quite a few options. You can build Silverlight or Flash applications, those that are more JavaScript focused using things like jQuery or even the SPServices CodePlex project, or thick client apps using something like WPF. All of these apps can use the REST ListData.svc service or the client side object model (CSOM) to read and write to the various lists in your SharePoint site or (when using the CSOM) do even more things.

One thing about these remote calls back to SharePoint is that they can be slowed down if your SharePoint environment is under heavy load. This might confuse your users as they may have this very responsive application that slows down every time it needs to talk back to SharePoint.

Microsoft introduced a new little thing to help with this called the health score. What’s going on is that when you make a call to SharePoint, it adds a custom HTTP header to the response that tells you how the server is doing. This header, X-SharePointHealthScore, will be a number between 0 and 10. The lower the number the less stressed the server is... the higher, the more taxed it is. As the number approaches 10 SharePoint will start to queue up HTTP GET requests in order to handle the HTTP POST requests.

You could, to provide your users a good experience, indicate how the server is doing by looking at every other call. Here’s how you can do it:
**Question 10**
Which three actions should you perform in sequence?
You develop a SharePoint site by using the Team Site template. Users share large images by using the team site. You need to configure the SharePoint site so that images render at a maximum size of 400px wide and 200px high.

Which three actions should you perform in sequence? (To answer, move the appropriate actions from the list of actions to the answer)
Select and Place:

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create an image rendition that is 400px wide and 200px high.</td>
<td></td>
</tr>
<tr>
<td>Enable the binary large object (BLOB) cache in the web.config file for the site. Enable publishing features for the site collection.</td>
<td></td>
</tr>
<tr>
<td>Disable the binary large object (BLOB) cache in the web.config file for the site. Enable publishing features for the site collection.</td>
<td></td>
</tr>
<tr>
<td>Create a placeholder container that is 400px wide and 200px high in the master template.</td>
<td></td>
</tr>
<tr>
<td>Choose the configured rendition each time a new image needs to be rendered.</td>
<td></td>
</tr>
</tbody>
</table>

**Correct Answer:**

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disable the binary large object (BLOB) cache in the web.config file for the site. Enable publishing features for the site collection.</td>
<td>Enable the binary large object (BLOB) cache in the web.config file for the site. Enable publishing features for the site collection.</td>
</tr>
<tr>
<td>Create an image rendition that is 400px wide and 200px high.</td>
<td>Create an image rendition that is 400px wide and 200px high.</td>
</tr>
<tr>
<td>Choose the configured rendition each time a new image needs to be rendered.</td>
<td>Choose the configured rendition each time a new image needs to be rendered.</td>
</tr>
</tbody>
</table>

**Explanation/Reference:**

Step 1:
To minimize the performance impact caused by dynamically rendering images, the Image Renditions capability depends on the BLOB cache which caches generated renditions. For this mechanism to work properly, you have to enable the BLOB cache for your Web Application in web.config.

Open web.config file for the web application
Locate BLOBCache line and set enabled= "true"
Set the folder path to another folder or keep the default C:BlobCache15 folder)
Question 11
Which methods should you use?
You have a custom Web Part that retrieves data across multiple task lists. Pages that contain the Web Part load slowly. You need to ensure that pages load as quickly as possible.
Which methods should you use? (Each correct answer presents a complete solution. Choose all that apply)
A. CrossListQueryCache.GetSiteData(SPContext.Current.Site, siteUrl)
B. CrossListQueryCache.GetSiteData(SPContext.Current.Site)
C. Cache.Get(siteUrl)
D. SPList.GetItems(spQuery)
Correct Answer: AC
Explanation/Reference:
A. CrossListQueryCache.GetSiteData method (SPSite) gets the cache data that is based on the CrossListQueryInfo specification. CrossListQueryCache.GetSiteData Method (SPSite, String) gets the cache data from the specified site and from the specified webUrl.
B. CrossListQueryCache.GetSiteData method (SPSite) gets the cache data that is based on the CrossListQueryInfo specification.
C. Cache.Get Method
Retrieves the specified item from the Cache object.

Question 12
Which trace log level should you use?
You configure a SharePoint app to collect diagnostic information. The app must meet the following requirements:
Record messages about all unrecoverable events that limit the functionality of the app, but do not stop the app
Record all events that include unexpected exceptions
Minimize the effects of logging on app performance
You need to configure the application to meet the requirements. Which trace log level should you use?
A. High
B. Medium
C. Unexpected
D. Monitorable
Question 13
How should you complete the class definition?
A company uses SharePoint to manage a large number of documents.
The Document ID Service feature is enabled. You need to create a custom class that generates a unique ID for each document.
(To answer, select the appropriate code segment from each drop-down list in the answer area)

Correct Answer:

```csharp
public class Custom
{
    ...
    DocumentId
    DefaultDocument
    DocumentIdProvider
}
```

Explanation/Reference:
DocumentIdProvider class represents the base abstract class for implementing a Document ID generator.
Question 15

Which code segment should you insert at line 13?

You develop a WebPart that includes the following code segment (Line numbers are included for reference only.)

```csharp
using Microsoft.SharePoint.Client;
using Microsoft.SharePoint.Client.UserProfiles;
using System;
namespace GetProfileProperties
{
    class Program
    {
        static void Main(string[] args)
        {
            string serverUrl = "https://contoso.com";
            ClientContext clientContext = new ClientContext(serverUrl);
            PeopleManager peopleManager = new PeopleManager(clientContext);
            clientContext.Load(personProperties,
                                  p => p.AccountName,
                                  p => p.UserProfileProperties); 
            clientContext.ExecuteQuery();
            foreach (var property in personProperties.UserProfileProperties)
            {
                Console.WriteLine(string.Format("[{0}]: {1}",
                                                property.Key.ToString(),
                                                property.Value.ToString()));
            } 
            Console.ReadLine();
        }
    }
}
```

You log on to a SharePoint site with the user name ContosoTHartono. You need to display account details for the currently logged in user. Which code segment should you insert at line 13?

A. `PersonProperties personProperties = peopleManager.GetUserDate("Contoso\THartono");`
B. `GetProperties` personProperties = peopleManager.GetProperties();
C. `GetProperties` personProperties = peopleManager.GetUserProfileProperty("Contoso\JHartone");
D. `GetProperties` personProperties = peopleManager.GetProperties("Contoso\JHartone");

Correct Answer: B
Explanation/Reference:

**Question 16**
Which code segment should you use?
You create a publishing site collection and configure it for anonymous use. The Machine Translation Service (MTS) application is configured and available.
New pages in the site collection must be translated immediately to other languages by using the SharePoint Variations feature and the MTS application.
You need to configure the MTS application to perform translations synchronously.
Which code segment should you use?
A. `TranslationJob` job = new TranslationJob(spServiceContext, CultureInfo.GetCultureInfo(culture));
B. `SyncTranslator` job = new SyncTranslator(spServiceContext, CultureInfo.GetCultureInfo(culture));
C. `TranslationItemInfo` itemInfo = job.Translate(input, output, fileFormat);
D. asyncJob.set_outputSaveBehavior(SP.Translation.SaveBehavior.alwaysOverwrite);

Correct Answer: B
Explanation/Reference:
The following code shows how to translate a single file synchronously:
`SPServiceContext sc = SPServiceContext.GetContext(new SPSite(site));
SyncTranslator job = new SyncTranslator(sc, CultureInfo.GetCultureInfo(culture));
TranslationItemInfo itemInfo = job.Translate(input, output);
The following code shows how to translate a single file asynchronously:
`SPServiceContext sc = SPServiceContext.GetContext(new SPSite(site));
TranslationJob job = new TranslationJob(sc, CultureInfo.GetCultureInfo(culture));
job.AddFile(input, output);
job.Start();
To translate a single file asynchronously:
var asyncJob;
var clientContext = new SP.ClientContext("serverRelativeUrl");
var contextSite = clientContext.get_site();
asyncJob = SP.Translation.TranslationJob.newObject(clientContext, "cultureID");
asyncJob.set_outputSaveBehavior(SP.Translation.SaveBehavior.alwaysOverwrite);

**Question 17**
Which option should you select?
You implement eDiscovery in SharePoint to access Exchange Online mailbox data.
You find malware and spam in items within the eDiscovery hold. You think that your company’s anti-malware software is not working because of incorrect permissions.
You need to ensure that software is configured correctly.
On The Exchange admin center page, which option should you select? (To answer, select the appropriate option in the answer area.)
Hot Area:

**Exchange admin center**

- recipients
- permissions
- compliance management
- organization
- protection
- mail flow
- mobile
- public folders
- unified messaging

Question 18
Which option should you select?
You implement ediscovery in SharePoint to access Exchange Online mailbox data.
You need to ensure that users continue to have access to Exchange Online mailbox data after an In-Place Hold is applied
On the Exchange admin center page, which option should you select?
(To answer, select the appropriate option in the answer area.)

Correct Answer:
Question 19
What should you do?
You configure eDiscovery for a SharePoint Online site collection.
You need to configure permissions for eDiscovery users so that users are able to access all discoverable content.
What should you do?
A. Add eDiscovery users to the Viewers group for the eDiscovery center.
B. Grant eDiscovery users access to all content in each web application
C. Grant eDiscovery users Contribute permissions to the eDiscovery center.
D. Grant eDiscovery users site collection administrator permissions on every site collection that contains discoverable content.
Correct Answer: D
Explanation/Reference:
The article Plan for eDiscovery in SharePoint Server 2013 recommends that you create a security group to contain all users of the eDiscovery Center. After you create the security group, grant the security group permissions to access all discoverable content. If you will grant permissions at the web application level, create a user policy that gives the security group full read permissions for each web application that contains discoverable content. If you will grant permissions at the site collection level, make the security group a site collection administrator for each site collection that contains discoverable content. Ensure that the security group has permissions to access all file shares and other websites that contain discoverable content.
Because SharePoint Online is a hosted service, administrators cannot access web applications directly. Therefore, in SharePoint Online you must explicitly add eDiscovery users as site collection administrators on each site collection that contains discoverable content.

Question 20
How should you complete the relevant code?
You develop a SharePoint app by using the client-side object model (CSOM)
On each page of the app, you need to display the user profile picture for the user that is currently logged in.
How should you complete the relevant code? (To answer, select the appropriate option from each drop-down list in the answer area)
Hot Area:
var object = new SP.UserProfiles.PeopleManager(context);

getProfilePic(getMyProperties());

context.load();
context.executeQueryAsync(function () {
  if (b) {
    a.getPictureUrl();
    b.getProfilePic();
    b.getPersonalUrl();
    b.getUserUrl();
    pictureUrl();
  }
}, onFail);

Correct Answer:

var object = new SP.UserProfiles.PeopleManager(context);

getMyProperties();

context.load();
context.executeQueryAsync(function () {
  if (b) {
    a.getPictureUrl();
    b.getProfilePic();
    b.getPersonalUrl();
    b.getUserUrl();
    pictureUrl();
  }
}, onFail);

Explanation/Reference:

var object = new SP.UserProfiles.PeopleManager(context) initializes a new instance of the PeopleManager object.
getMyProperties() gets user properties for the current user.
SP.UserProfiles.PersonProperties represents user properties.
PersonProperties.pictureUrl property gets the URL of the user’s profile picture.

Question 21

How should you complete the relevant code?
You develop a .NET application named SPUserProfiles for a company called Contoso, Ltd.
SPUserProfiles communicates with a SharePoint app by using SharePoint Web Services. The SharePoint web service reference name is ProfileService.
SPUserProfiles includes the following code segment (Line numbers are included for reference only)
You need to implement the UpdatePhoneNumber method. How should you complete the relevant code? (To answer, drag the appropriate code segments to the correct target locations in the answer area. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

Select and Place:

**Correct Answer:**

```
private static void UpdatePhoneNumber()
{
    new PropertyData[1];
    new PropertyData();
    new ValueData();
    true
    false

    PropertyData.data = new PropertyData[1];
    PropertyData[0].Name = "HomePhone";
    PropertyData[0].Values = new ValueData[1];
    PropertyData[0].Values[0].Value = "9382121101";
    PropertyData[0].isVisibleChanged = true;

    svc.ModifyUserPropertyByAccountName("contoso\John", data);
}
```

**Explanation/Reference:**

PropertyData class returns name/value pairs when the GetUserProfileByName method and the GetUserProfileByGuid method of the UserProfileService class are called.

PropertyData.Values property gets or sets the property values of the user profile property. public ValueData[] Values { get; set; }


**Question 22**

How should you create the method calls?
You develop a SharePoint app that includes microblog posts and conversations for a company named Contoso, Ltd.
You must use various programming object models to determine the number of unread mentions in microblog posts for the current user.
You need to call methods for different programming object models. How should you create the method calls? (To answer, drag the appropriate code segments to the correct location or locations in the answer area. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

Select and Place:
<table>
<thead>
<tr>
<th>Correct Answer:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SocialFeedManager.GetUnreadMentionCount method gets the count of unread mentions for the current user.</td>
</tr>
<tr>
<td>SP.Social.SocialFeedManager.getUnreadMentionCount(sp.userprofiles) method gets the count of unread mentions for the current user.</td>
</tr>
</tbody>
</table>

**Question 23**

Which code segment should you insert at line 12?

You develop a SharePoint-hosted app. The app includes the following code segment (Line numbers are included for reference only)

```javascript
var context;
var b;
var user;
$(document).ready(function () {
    var e = executeDelayUntilScriptLoaded(spPointReady, "sp.userprofiles.js");
    function spPointReady() {
        context = new SP.ClientContext.get_current();
        getProperties();
    }
    function getProperties() {
        b = a.getProperties();
        context.load(b);
        context.executeQueryAsync(onGetPropertiesSuccess, onGetPropertiesFail);
    }...
```

The app must display user profile data for the user that is logged in. The user profile data must include the PreferredName, Department, and WorkPhone properties.

You need to ensure that the app displays the required user profile data. Which code segment should you insert at line 12?

A. `var a = new SP.UserProfiles.UserProfile();`
B. `var a = new SP.UserProfiles.SocialFollowingManager(context);`
C. 

<table>
<thead>
<tr>
<th>Correct Answer:</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. <code>var a = new SP.UserProfiles.SocialFollowingManager(context);</code></td>
</tr>
</tbody>
</table>

**Explanation/Reference:**
SocialFeedManager.GetUnreadMentionCount method gets the count of unread mentions for the current user.
SP.Social.SocialFeedManager.getUnreadMentionCount(sp.userprofiles) method gets the count of unread mentions for the current user.
var a = SP.UserProfiles.ProfileLoader.GetProfileLoader(context);
D.
var a = new SP.UserProfiles.PeopleManager(context);

Correct Answer: D
Explanation/Reference:
var object = new SP.UserProfiles.PeopleManager(context) initializes a new instance of the PeopleManager object.
getMyProperties gets user properties for the current user.

Question 24
How should you configure the connection to the WCF service?
Contoso, Ltd. is integrating an Enterprise Resource Planning (ERP) system with SharePoint by using Business Connectivity Services (BCS). The ERP system is a Windows Communication Foundation (WCF) service that is hosted in Internet Information Services (IIS). The WCF service is named people.svc and is located at http://contoso.com:8080. The metadata for the service is found at http://contoso.com:808/mex.
You need to create a data connection for the ERP system
In the WCF Connection dialog box, how should you configure the connection to the WCF service?
(To answer, select the appropriate option from each drop-down list in the answer area)
Hot Area:

Correct Answer:
Question 25

LitWare, Inc. is integrating an Enterprise Project Management (EPM) system with SharePoint by using Business Connectivity Services (BCS). The EPM system uses a Windows Communication Foundation (WCF) service that is hosted in Internet Information Services (IIS). The WCF service is named tasks.svc and is located at http://litware.com:8080. The metadata for the service is found at http://litware.com:8080/mex.

You need to create a data connection for the EPM system.

In the WCF Connection dialog box, how should you configure the connection to the WCF service?

(To answer, select the appropriate option from each drop-down list in the answer area.)

Hot Area:
Question 26
How should you complete the relevant code?
You develop a provider-hosted SharePoint app that retrieves and displays weather information from an external site. The site contains lists of temperatures for different cities. You need to create a Representational State Transfer (REST) endpoint URL in the app to retrieve hourly temperatures for a specific city from the site. How should you complete the relevant code?
(To answer, drag the appropriate term to the correct location or locations in the answer area. Each term may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content)
Select and Place:
Question 27

Which code segments should you include to complete the code?
You develop a provider-hosted SharePoint app that retrieves and displays news headlines from an external site named News. The site contains lists of news headlines from many news sources.
You need to create a Representational State Transfer (REST) endpoint URL in the app to retrieve hourly headlines from the site for a specific news source.
Which code segments should you include to complete the code?
(To answer, drag the appropriate term to the correct targets in the answer area. Each term may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)
Select and Place:

Correct Answer:

Explanation/Reference:

The following example shows how to retrieve a specific list if you know its title.
url: http://site url/_api/web/lists/GetByTitle('Test')
method: GET
Headers:
Question 28
Which four actions should you perform in a sequence?
You develop a Microsoft Office app to access external data by using Business Connectivity Services (BCS). The app must access data from a Windows Communication Foundation (WCF) connector by using an external content type. Which four actions should you perform in a sequence?
(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)
Select and Place:

Correct Answer:

Explanation/Reference:
A BDC model is the heart of Business Data Connectivity (BDC) service. The data structures, such as Entity (external content type) and Method, that abstract out complex details about an external system are collectively named MetadataObjects and compose the BDC model. The BDC model for an external system is essentially an XML file.
**Question 29**
Which property name should you specify?
You develop a SharePoint app that displays information about automobile parts.
You need to create a user profile property to classify automobile parts into categories.
Which property name should you specify?
A. ipart-classification
B. part.classification
C. part_classification
D. Part Classification

Correct Answer: B
Explanation/Reference:

**Question 30**
How should you complete the relevant Windows PowerShell cmdlets?
You connect to a front-end web server in a SharePoint farm for a company named Contoso, Ltd.
You start the SharePoint Management Shell by using an account that has administrator permissions for the user-profile store. You use Windows PowerShell to create a User Profile property. You add the profile type and sub type to the User Profile property.
You run the following Windows PowerShell cmdlets:
```powershell
$sns - Add-Type "Microsoft.Office.Server.UserProfiles"
$site = Get-SPSite "https://internal.contoso.com"
$sctx = Get-SPServiceContext($site)
```
How should you complete the relevant Windows PowerShell cmdlets?
(To answer, drag the appropriate code segment to the correct location or locations in the answer area. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)
Select and Place:

Correct Answer:

**Question 31**
Which object or URL should you use?
You develop a SharePoint app that reads social data from your company’s SharePoint site.
You need to access the SocialFeedManager object. Which object or URL should you use?
A. http://<siteUri>/_api/social.feed
B. SocialFeedManager(ClientRuntimeContext, ObjectPath);
C. http://<siteUri>/social.feed
D. SPSocialFeedManager(UserProfile);
Correct Answer: A
Explanation/Reference:
Access point:
<siteUri>/_api/social.feed
SocialFeedManager(ClientRuntimeContext, ObjectPath) - This member is reserved for internal use and is not intended to be used directly from your code.

Question 32
Which URL should you use?
You create a site collection for Contoso, Ltd. by using the Community Site template. My Sites are configured. Users access the community site and view newsfeeds by clicking the Newsfeed link on the community site. You create a custom Web Part that displays the latest newsfeed posts for the user that is logged in.
The Web Part must use Representational State Transfer (REST) to retrieve items from the Newsfeed.
You need to define the correct uniform resource locator (URL) to access items.
Which URL should you use?
A. http://my.contoso.com/_api/search
B. http://my.contoso.com/_api/SP.UserProfiles.PeopleManager
C. http://community.contoso.com/_api/web/lists/microfeed
D. http://my.contoso.com/_api/social.feed/my/Feed
Correct Answer: D
Explanation/Reference:
Explanation: The my resource represents the current user. When used inline in the endpoint URL, it sets the context of the request to the current user.
For example, http://contoso.com/_api/social.feed/my/news gets the newsfeed for the current user.
Reference: Social feed REST API reference for SharePoint 2013

Question 33
What should you do?
You develop a SharePoint app that reads data from an external source by using Business Connectivity Services (BCS). The following markup defines the subscription (Line numbers are included for reference only)

Employee identification (ID) numbers that are less than 100 must be ignored. You need to configure the subscription.
What should you do?
A. Insert the following markup at line 12:
B. Insert the following markup at line 06:
C. Insert the following markup at line 12:
D. Insert the following markup at line 12:
Correct Answer: C
Explanation/Reference:
FilterValue element in FilterValues (Subscription Schema) specifies a filter value for a query or association.
<FilterValue FilterDescriptorName = "String" Type = "String" FilterIndex = "Integer"> </FilterValue>
The FilterValue element can contain a mix of character data and child elements. The following sections describe attributes, child elements, and parent elements. 

FilterDescriptorName (Required) The name of the filter descriptor in the model. 
Type (Required) The data type of the filter value. 
FilterIndex (Required) Must always be set to zero 


Question 34
Which code segment should you insert at line 04?
You have a SharePoint farm. You create a web service that connects to an extension point in the Search service. The web service processes string content and returns the string in all capitalized letters.

The web service includes the properties in the following table.

<table>
<thead>
<tr>
<th>Managed properties</th>
<th>Crawled properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>owst_q_TEXT_Title</td>
</tr>
<tr>
<td>TitleInCaps</td>
<td>owst_q_TEXT_TitleInCaps</td>
</tr>
</tbody>
</table>

You start the SharePoint Management Shell.

You create the following Windows PowerShell cmdlet (Line numbers are included for reference only)

```powershell
$ssa = Get-SPEnterpriseSearchServiceApplication
$config = New-SPEnterpriseSearchContentEnrichmentConfiguration
$config.Endpoint = http://localhost:8080/SearchProcessor.svc
$config.InputProperties = "Author", "Filename"
$config.OutputProperties = "Author"
$config.SendRawData = $True
$config.MaxRawDataSize = 8192
Set-SPEnterpriseSearchContentEnrichmentConfiguration -SearchApplication $ss -ContentEnrichmentConfiguration $config
```

You need to complete the Windows PowerShell cmdlet to register the Content Enrichment service. Which code segment should you insert at line 04?
A. 
B. 
C. 
D. 

Correct Answer: C
Explaination/Reference:
InputProperties gets or sets the list of properties that the external service expects. OutputProperties gets or sets the list of properties that the external service outputs. These will overwrite the original value of that property as it is propagated through the Content Processing Component.


Question 35
Which object should you use?
You create a SharePoint site collection for a law firm. You create the following objects in the site collection.

A user searches for a legal case. The search results must contain only current cases.

You need to create a custom result type that displays only current cases.

Which object should you use?
A. Cases 
B. MPCaseID 
C. case 
D. ows_CaseID 
E. CaseID 

http://www.aoowe.com
### Question 36
Which three actions should you perform in sequence?
You develop a SharePoint app that connects to external content by using Business Connectivity Services (BCS).
You need to ensure that the app returns no more than 500 items at one time.
Which three actions should you perform in sequence?
(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>In the Business Data Connectivity (BDC) model, specify filters that are used by the subscription file.</td>
<td></td>
</tr>
<tr>
<td>Define a Limit filter.</td>
<td></td>
</tr>
<tr>
<td>Create a new view with an item limit filter.</td>
<td></td>
</tr>
<tr>
<td>Create a new subscription for the external content.</td>
<td></td>
</tr>
<tr>
<td>Define a Throttle filter.</td>
<td></td>
</tr>
</tbody>
</table>

Correct Answer:

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Define a Limit filter.</td>
<td></td>
</tr>
<tr>
<td>Create a new subscription for the external content.</td>
<td></td>
</tr>
<tr>
<td>Create a new view with an item limit filter.</td>
<td></td>
</tr>
</tbody>
</table>

Correct Answer:

**Explanation/Reference:**
Limit filter: Limits the total number of records returned to a fixed amount.

---

### Question 37
Which code segments should you include in Target 1, Target 2, Target 3 and Target 4 to complete the code?
You create a SharePoint app that displays employee information in a SharePoint list. The app uses Business Connectivity Services (BCS) to connect to a custom employee information database. You have a Business Data Connectivity (BDC) model named Employee.
You need to implement the GetEmployee method.
Which code segments should you include in Target 1, Target 2, Target 3 and Target 4 to complete the code?
(To answer, drag the appropriate code segment to the correct targets in the answer area. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>In the Business Data Connectivity (BDC) model, specify filters that are used by the subscription file.</td>
<td></td>
</tr>
<tr>
<td>Define a Limit filter.</td>
<td></td>
</tr>
<tr>
<td>Create a new subscription for the external content.</td>
<td></td>
</tr>
<tr>
<td>Define a Throttle filter.</td>
<td></td>
</tr>
</tbody>
</table>

**Explanation/Reference:**
Question 38
Which values should you include to complete the script?
You have a SharePoint farm that contains a server named HQ-SPApp1. An app on the server allows users to search for news articles. You access a list of desired keywords on the server from the location c:\refiners\phase1\keywords.csv. A custom dictionary is already in use.
You need to create a custom processing extension to promote any news articles with specific case-insensitive keywords.
Which values should you include to complete the script? (To answer, drag the appropriate values to the correct targets in the answer area. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)
Explanation/Reference:
Import-SPEnterpriseSearchCustomExtractionDictionary -SearchApplication $searchApp -Filename <Path> -DictionaryName <Dictionary name>
Where:
<Path> specifies the full UNC path of the .csv file (the custom extraction dictionary) to be imported.
<Dictionary name> is the name of the type of the custom extraction dictionary.
Depending on which type of dictionary you are importing, enter one of the following:
[where n = 1,2,3,4 or 5]

Question 39
Which steps should you take?
You use Visual Studio to design a SharePoint solution for a company that provides computer support services to customers around the world.
The solution must list the customer service representatives that resolve the highest number of support requests. The solution also must allow filtering of customer service representatives by region.
You need to configure the solution to meet the requirements. Which steps should you take?
(Each correct answer presents part of the solution. Choose all that apply)
A. Add a Recommended Items Web Part to the page.
B. Add and configure a Refinement Web Part to the page.
C. Add regions as property filters to the Search Results Web Part.
D. Configure the query for the Content Search Web Part.
Correct Answer: CD
Explanation/Reference:

Question 40
How should you complete the relevant code?
A SharePoint app displays the following search results:

<table>
<thead>
<tr>
<th>Model</th>
<th>Color</th>
<th>Manufacture</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Red</td>
<td>Year 2010</td>
</tr>
<tr>
<td>A</td>
<td>Black</td>
<td>Year 2010</td>
</tr>
<tr>
<td>A</td>
<td>Red</td>
<td>Year 2011</td>
</tr>
<tr>
<td>B</td>
<td>Blue</td>
<td>Year 2012</td>
</tr>
<tr>
<td>C</td>
<td>White</td>
<td>Year 2011</td>
</tr>
</tbody>
</table>

You have the following requirements
Group results by model.
Display only two rows per model.
Show a unique color for each model.
You need to define a query to meet the requirements. How should you complete the relevant code?
(To answer, select the appropriate code segment from each drop-down list in the answer area )

Correct Answer:

```javascript
var query = new KeywordQuery(context)
{
    QueryText = "Manufacture:Year",
    QueryInfo = new QueryInfo()
    { 
        ResolvingRules = new ResolvingRules()
        { 
            Operator = "[space]",
            Mode = "collapse",
        },
        SuggestionSpecification = new SuggestionSpecification()
        { 
            Operator = "[space]",
            Mode = "collapse",
        },
    },
    CollapseSpecification = new CollapseSpecification()
    { 
        Operator = "[space]",
        Mode = "collapse",
    },
);
```

Correct Answer:
`var query = new KeywordQuery(context) { QueryText = "Manufacture:Year" }`;

Explanation/Reference:
KeywordQuery.CollapseSpecification property gets or sets criteria to use for collapsing search results.

Question 41
Which FQL statements should you use?
A legal company uses SharePoint for document and records management. You search all documents by using extractors and managed properties FAST Query Language (FQL) is enabled for the result sources, and the content of the document is indexed as full text. All documents are named by using the following pattern "AAA-Axxxx-AA".
You must find documents that were created in May 2012 and contain the ordered keywords "liable", "advocate", and "adjudication" Results that are
returned must include only document names that begin with "HCT-Q" and end only with "AB".
You need to create the FQL query that returns the required results.
Which FQL statements should you use? (Each correct answer presents part of the solution. Choose all that apply)
A. write>=05/01/2012 and write<=05/31/2012
B. string("liable advocate adjudication", mode="onear")
C. title:HCT-Q*
D. title:HCT-Q???-AB
E. NEAR(liable, advocate, adjudication)
Correct Answer: BDF

Explanation/Reference:
B (not E)
The ordered variant of NEAR, and requires an ordered match of the terms. The ONEAR operator can be used to restrict the result set to items that have N terms within a certain distance of each other. Returns only items that don’t match the operand. The operand may be any valid FQL expression one another.
NEAR Restricts the result set to items that have N terms within a certain distance of one another.
ONEAR The ordered variant of NEAR, and requires an ordered match of the terms. The ONEAR operator can be used to restrict the result set to items that have N terms within a certain distance of one another.
D (not C)
All documents are named by using the following pattern "AAA-Axxxx-AA".
Results that are returned must include only document names that begin with "HCT-Q" and end only with "AB".
F (not A)
Range Enables range matching expressions The RANGE operator is used for numeric and date/time managed properties FQL provides the datetime data type for date and time.
The following ISO 8601 compatible datetime formats are supported in queries
YYYY-MM-DD
YYYY-MM-DDThhmmss
YYYY-MM-DDThhmmssZ
YYYY-MM-DDThhmmssfrZ
// Return all results between and including 2013-07-17T12:35:57.0000000Z and 2013-07-17T13:35:57.0000000Z
http://techmikael.blogspot.de/2013/07/limiting-search-results-by-exact-time.html

Question 42
What should you do?
You access a Records Management site in SharePoint. You create the following segment (Line numbers are included for reference only):

```
<td>Delivery Method: <%= deliveryMethod.toString() %></td>
```

You need to implement the custom display template.
What should you do? (Each correct answer presents part of the solution. Choose all that apply)
A. Insert the following code segment at line 14:
```
<td>Out for Delivery: <%= outForDel.toString() %></td>
```
B. Insert the following code segment at line 14:
```
<td>Delivery Method: <%= deliveryMethod.toString() %></td>
```
C. Insert the following code segment at line 05:
```
var airBillTime = <%= airBillTime %>
```
D. Insert the following code segment at line 13:
```
<td>Sales Tax: <%= curTax %></td>
```
E. Insert the following code segment at line 14:
```
<td>Air Bill Time: <%= airBillTime %></td>
```
F. Insert the following code segment at line 13:
```
<td>Sales Tax: <%= salesTax %></td>
```
Correct Answer: ACD

Explanation/Reference:

Question 43
Which code segments should you include to complete the code?
You develop a SharePoint app that uses the client-side object model (CSOM) to run search queries.
You need to implement a method that searches for the term SharePoint.
Which code segments should you include to complete the code?
(To answer, drag the appropriate code segment to the correct targets in the answer area. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

Select and Place:

Correct Answer:

```csharp
protected void PerformSearchQuery(object sender, EventArgs e)
{
    ... query = new KeywordQuery(clientContext);
    query.QueryText = "SharePoint";
    search = new SearchExecutor(clientContext);
    results = search.ExecuteQuery(query);
    clientContext.ExecuteQuery(query);
}
```

Explanation/Reference:
(Target 1, Target 2): KeywordQuery
We need to create a KeywordQuery class to describe the query.
We pass the ClientContext into the constructor.
KeywordQuery keywordQuery = new KeywordQuery(clientContext);
To set the query use the QueryText property. Here we are doing a search for the keyword "SharePoint". keywordQuery.QueryText = "SharePoint";
ClientResult
(Target 5): To execute the query, we use the ExecuteQuery method. It returns a type of
ClientResult<ResultTableCollection> results = searchExecutor.ExecuteQuery(keywordQuery);
Reference: How to: Query Search with the SharePoint 2013 Client Object Model

Question 44
Which code segment should you insert at line 03?
You develop a SharePoint app for a toy company that uses the Representational State Transfer (REST) API for search. The site collections in the app have been crawled recently and use the default search schema.
The app includes the following code segment (Line numbers are included for reference only)
The following code segment (Line numbers are included for reference only)
```csharp
01 function query() {
02 var queryTerms = $('SearchBox').text();
03 pageContextInfo.webAbsoluteUrl + '/_api/search/query?querytext=' +
04 queryTerms + '&sourceid=' + resultSourceId + '+';
05 }
```
You create the following result sources.
You need to ensure that the app only displays PDF documents. Which code segment should you insert at line 03?

A. var resultSourceId = "Site PDF";
B. var resultSourceId = "4580F838-8254-47A1-ABAD-086C4577D514";
C. var resultSourceId = "8441-A998-523A-41ED-9A4D-9D4A40FC3B4";
D. var resultSourceId = "825514AC-6385-4F29-807F-4AB92FE9F536";

Correct Answer: D

Explanation/Reference:
Sample GET request
http://server/_api/search/query?querytext='sharepoint'&sourceid='8413cd39-2156-4e00-b54d-11efdc2abed9'

Question 45

Which code segment should you insert at line 02?
You have a SharePoint publishing site. The marketing team tags their documents by using a managed metadata field named Location. The site has been fully crawled. Documents are tagged with city names only.

A SharePoint app on the site displays search results by using the following term set:

You create the following code segment to query the contents of the site (Line numbers are included for reference only)

```javascript
function executeQuery() {
  var queryString = "Location:";
  //...;
  var queryTerms = "Location:";
}
```

Which code segment should you insert at line 02?

A. var queryTerms = "Location:";
B. var queryTerms = "57768e48-5d99-4e5f-8e35-488c723eb111";
C. var queryTerms = "b45f64b3-4722-4338-9a5c-56c326034c84";
D. var queryTerms = "musttaxid:location: lacsaga-70b4-4ce8-bf59-96c3e71f80df";

Correct Answer: D

Explanation/Reference:
When a managed metadata field is crawled, it creates 2 crawled properties
ows_taxid_fieldname (which is automatically mapped to a managed property "owstaxidfieldname" and contains the term id)
ows_fieldname (This contains the term label)
http://sharepoint.stackexchange.com/questions/50140/querying-on-managed-metadata-fields-using-search
Question 46
Which steps should you take?
You use Visual Studio to design a SharePoint solution for a company that sells wine to customers around the world. The solution must return the total number of cases sold per country. The solution also must allow employees to sort cases of wine that are returned. Employees must sort cases by country, date, and reason for the return. You need to configure the solution to meet the requirements. Which steps should you take?
(Each correct answer presents part of the solution. Choose all that apply)
A. Add a Refinement Web Part to the page
B. Configure the query for the Content Search Web Part.
C. Add country as a property filter to the Search Results Web Part.
D. Add a Calendar Web Part to the page.
Correct Answer: ABC
Explanation/Reference:
Use property filters to query the content of managed properties that are set to queryable in the search schema. Select managed properties from the Property filter lists. Click Add property filter to add the filter to the query.

Question 47
How should you complete the relevant code?
You create a SharePoint app that displays a list of documents for a company that sells insurance policies. The documents have been crawled by the Search service.
You create managed properties named Underwriter and Bonded.
You must locate the documents that meet the following criteria:
Created by using Microsoft Word 2002
Contains the exact phrase "life policy"
Were underwritten by Woodgrove
You need to design a search query that locates the required documents.
How should you complete the relevant code? (To answer, select the appropriate code segment from each drop-down list in the answer area)
Hot Area:

```javascript
function executeQuery() {
    var queryTerms = "p1l:life
    life policy
    life insurance"
    queryTerms += "company:Woodgrove
    underwriter:Woodgrove"
}
```

Correct Answer:

```javascript
function executeQuery() {
    var queryTerms = "p1l:life
    life policy
    life insurance"
    queryTerms += "company:Woodgrove
    underwriter:Woodgrove"
}
```

Explanation/Reference:

Question 48
Which four code segments should you use in sequence?
You develop a SharePoint app that uses the client-side object model (CSOM) to retrieve items from the search index.
You need to implement the client-side query code.
Which four code segments should you use in sequence?
(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)
Select and Place:
Step 1
First we need to add the necessary references such as: using MicrosoftSharePoint.Client; using MicrosoftSharePoint.ClientSearch; using MicrosoftSharePoint.ClientSearch.Query;

Step 2
Start by creating a ClientContext object and pass in the URL to a site. Put this in a using block. using (ClientContext clientContext = new ClientContext("http://servername"))

We then need to create a KeywordQuery class to describe the query. This class is similar to the server side KeywordQuery class but there are some differences. We pass the ClientContext into the constructor. var keywordQuery = new KeywordQuery(context);

Step 3
Unlike the server object model, with the Client OM we have to use another class, SearchExecutor, to send the queries to the search engine. We pass a ClientContext into it as well. var searchExecutor = new SearchExecutor(context);

Step 4
However, the query doesn't actually execute until you call ExecuteQuery() on the ClientContext object. If you have done a lot of Client OM work before, you might think you need to call Load() first but it is not required. var results = searchExecutor.executeQuery(keywordQuery);

Not Retrieve: ClientObject.Retrieve method retrieves all scalar properties associated with the object. This member is reserved for internal use and is not intended to be used directly from your code.

http://code.msdn.microsoft.com/office/SharePoint-2013-Querying-a629b53b

Question 49
What should you do?
You need to print out the terms and term sets for the Document Library app named Project Documents.
What should you do? (Each correct answer presents part of the solution. Choose all that apply)
A. Insert the following code segment at line DL59:
Correct Answer: AC
Explanation/Reference:
From scenario:
You must develop a console app to print the current term sets and each root term for the app by using the following style TermSet: name Term: name
You must create a Department term set to store team member roles and organize them by department types. The import file for the Department term set is the default for all new projects. The import file contains terms for System Architect, Programmer, Producer, and Manager. Each term is contained within two parent groups, Engineering or Production. Managers are members of the Production group only. All of the parent groups use a shared root-level term.

Question 50
What should you do?
You need to create the term set for the Document Library app named Project Documents.
What should you do? (Each correct answer presents part of the solution. Choose all that apply)
A. Insert the following code segment into line DL18
B. Insert the following code segment into line DL18
C. Insert the following code segment into line DL24
D. Insert the following code segment into line DL24
Correct Answer: BC
Explanation/Reference:
From scenario:
(B, C, Not A, not D) The Document Library app named Project Documents must include a local term set for document types. The term set must contain the default terms .docx, .png, and .jpg.

Question 51
Which code segment should you insert at line IT07?
You need to read the import file and populate the term sets and terms.
Which code segment should you insert at line IT07?
A. importManager.ImportTermSet(reader, termGroup,
   ref allTermsAdded, ref errorMessage);
B. importManager.ImportTermSet(termGroup, reader,
   out allTermsAdded, out errorMessage);
C. importManager.ImportTermSet(termGroup, reader,
   out allTermsAdded, out errorMessage);
D. importManager.ImportTermSet(termGroup, reader,
   out allTermsAdded, out errorMessage);
Correct Answer: C
Explanation/Reference:
importManager.ImportTermSet method imports a TermSet object into the parentGroup from a .csv file.
public TermSet ImportTermSet(
   Group parentGroup,
   TextReader reader,
   out bool allTermsAdded,
   out string errorMessage)


Question 52
Which three actions should you perform in sequence?
You need to implement the site collection for managed navigation.
Which three actions should you perform in sequence?
(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order)
Select and Place:
Correct Answer:

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create a Product Catalog.</td>
<td></td>
</tr>
<tr>
<td>Add relevant terms and content types.</td>
<td></td>
</tr>
<tr>
<td>Create a new Term Set.</td>
<td></td>
</tr>
<tr>
<td>Start a full crawl from the Search Service Applications.</td>
<td></td>
</tr>
</tbody>
</table>

**Explanation/Reference:**

If you will use cross-site publishing, you should also know the structure of the tagging term sets, and you should have an idea of which pages will be used to display which catalog items. You should also know the navigation hierarchy that you want to implement for your site.


**Question 53**

What should you do?

You need to configure a new site collection in Central Administration. You will use the site collection to manage navigation terms.

What should you do?

A. Create a site collection by using the Publishing Portal template
B. Create a site collection by using the Enterprise Search Center template
C. Create a site collection by using the Records Center template
D. Set the website address to http://adventureworks.com/sites/navigation

**Correct Answer:** A

**Explanation/Reference:**


**Question 54**

How should you structure the term sets?

You need to implement the term set import file to enable item assignments to be filtered.

How should you structure the term sets?

(To answer, drag the appropriate term to the correct level in the answer area. Each term may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

Select and Place:
You must create a Department term set to store team member roles and organize them by department types. The import file for the Department term set is the default for all new projects. The import file contains terms for System Architect, Programmer, Producer, and Manager. Each term is contained within two parent groups, Engineering or Production. Managers are members of the Production group only. All of the parent groups use a shared root-level term.

**Question 55**

What should you do?
You need to configure permission roles for the team members.
What should you do?
(To answer, drag the appropriate role to the correct location in the answer area. Each role may be used once, more than once, or not at all. You may need to drag the split bar between pages or scroll to view content)
Select and Place:
**Question 56**
What should you do?
You need to configure permissions for the publishing portal in the Term Store Manager.
What should you do?
A. Add the URL http://adventureworks.com/sites/portal to the site collection access list.
B. Add the URL http://adventureworks.com/sites/portal to the Contributors list.
C. Add the URL http://adventureworks.com/navigation to the site collection access list.
D. Add the URL http://adventureworks.com/pages/navigation.aspx to the site collection access list.
Correct Answer: B
Explanation/Reference:

**Question 57**
What should you do?
You need to configure navigation for the publishing portal.
What should you do? (Each correct answer presents part of the solution. Choose all that apply)
A. Set the value of the Global Navigation option to Managed Navigation.
B. Select the root term for navigation within the site collection.
D. Select the term for navigation within the site collection.
E. Set the Current Navigation to display the same navigation items as the parent site.
F. Set the value of the Current Navigation option to Managed Navigation.
Correct Answer: ABF
Explanation/Reference:

*From Scenario:*
Navigation for all sites must be managed centrally.
Navigation links on the top and left sides of each page must use term sets.

**Question 58**
Which code segment should you add at line ER08?
You need to implement the notifications for the custom list app named Admin.
Which code segment should you add at line ER08?
A. public class EventReceiver1
B. public class EventReceiver1 : SPListEventReceiver
C. public class EventReceiver1 : SPItemEventReceiver
D. public class EventReceiver1 : SPEventReceiverBase
Correct Answer: C
Explanation/Reference:
SPItemEventReceiver class provides methods for trapping events that occur to items.
ItemAdded Handles the asynchronous event that occurs after an item is added.

**Question 59**
What should you do?
You need to implement the remote event receiver for the Admin Custom List app.
What should you do?
A. Insert the following code segment at line RR05:
ListRemoteEventReceiver(properties);
B. Insert the following code segment at line RR05:
ProcessOneWayEvent(properties);
C. Insert the following code segment at line RR11:
ProcessEvent(properties);
D. Insert the following code segment at line RR11:
ListRemoteEventReceiver(properties);

Correct Answer: D
Explanation/Reference:
Scenario:
The Admin Custom List app must use a remote event receiver to send an email message to each team member when information is updated.

```csharp
[OperationContract]
SPRemoteEventResult ProcessEvent(SPRemoteEventProperties properties)

ProcessEvent This is a synchronous event handler. Use it to call code when a "before" event occurs.

[OperationContract(IsOneWay = true)]
void ProcessOneWayEvent(SPRemoteEventProperties properties)

ProcessOneWayEvent This is an asynchronous event handler. Use it to call code when an "after" event occurs.
```


Question 60
Which URL should you use?
You need to create a link to the Dallas office page. Which URL should you use?
B. http://www.contoso.com/Offices/Pages/Office.aspx
D. http://www.contoso.com/Offices/Dallas
E. http://www.contoso.com/Offices/Pages/Office.aspx?TermID=b6e11481-3445-413c-9da0-b15ae5d5cbed4

Correct Answer: D
Explanation/Reference:

Question 61
How should you complete the relevant code?
You need to make updates when an agent saves information about a new office.

How should you complete the relevant code?

(To answer, drag the appropriate code segment to the correct location or location in the answer area. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

Select and Place:

```csharp
public void AddOffice(string newOffice)
{
    SPCoreSite site = SPContext.Current.Site;
    TaxonomySession taxSession = new TaxonomySession(site);
    int masterPageId = 0;
    string masterPageTitle = taxSession.ListItems[0].Title;
    SPList termGroup = termGroup.Groups("Navigation");
    SPNavigationTermSet newTermSet = navigationTermSet/terms.newTermSet("Office", newOffice, newOffice);
    SPNavigationNode newNavigationNode = new SPNavigationNode(newTermSet, newOffice, newOffice);
    SPNavigationTerm newTerm = navigationTermSet/terms.newTermSet("Office", newOffice, newOffice);
    quickLaunchNodes.AddToFirstChild(newNavigationNode);}
```

Correct Answer:
Explanation/Reference:
NavigationTermSet class specifies navigation behavior and properties for a TermSet object that is used to derive the navigation and friendly URLs for a website.
NavigationTermSetItem.CreateTerm method (String, NavigationLinkType, Guid) creates a new NavigationTerm object with the specified termName.

Question 62
Which five actions should you perform in sequence?
You need to publish biographical information to the board member site collection.
Which five actions should you perform in sequence?
(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order)
Select and Place:

Correct Answer:
From scenario:
Site Collections and Content
The web application includes the following three site collections.
1) Board Member Site Collection
The Board Member site collection is only accessible to the board members so that they can view private company information.
The Board Member site collection has the following requirements:
- Only board members can log in to the site collection.
- A page within the site collection must display a list of all the board members.
The website must be located at http://www.contoso.com/sites/board
2) Internet Site Collection
Requirements include:
- Each member of the board must have a page that contains biographical information about that board member.
- The list of board members must be available in the Board Member site collection.
3) Agent Site Collection
Main steps:
- Create site collections for cross-site publishing (box 1, box 2)
- Activate the Cross-Site Collection Publishing feature
- Create and manage term sets for tagging content on authoring sites
- Create catalog content by using SharePoint lists (box 3)
- Share a library or list as a catalog
- Make a term set available to other site collections (box 5)
- Configure search for cross-site publishing
Before you can use cross-site collection publishing to reuse content across site collections, you have to activate the Cross-Site Collection Publishing feature on the authoring site collection.
To activate the Cross-Site Collection Publishing feature:
Verify that the user account that performs this procedure is a site collection administrator on the authoring site collection.
On the top-level site of the authoring site collection, on the Settings menu, click Site Settings.
On the Site Settings page, in the Site Collection Administration section, click Site collection features.
On the Site Collection Features page, next to Cross-Site Collection Publishing, click Activate.
Cross-site publishing is a new publishing method that lets you create and maintain content in one or more authoring site collections and publish this content to one or more publishing site collections by using Search Web Parts. Cross-site publishing complements the already existing publishing method, author-in-place, where you use a single site collection to author content and make it available to readers of your site.
Reference: Configure cross-site publishing in SharePoint 2013

Question 63
Which code segment should you insert at line FE04?
You need to implement the Web Part to retrieve the terms for the required term set.
Which code segment should you insert at line FE04?
A. 
```csharp
clientContext.Load<ITermStore>(
    store => store.Groups.Include(
        group => group.TermSets.Include(
            termSet => termSet.Terms.Include(
                term => term.Name)
    )
});
```
B. 
```csharp
clientContext.Load<ITermStore>(
    store => store.Groups.Include(
        group => group.TermSets.Include(
            termSet => termSet.Terms)
    )
});
```
Question 64
Which properties in the external content-type editor must you set when you create the external content type in SharePoint Designer?
You need to ensure that end users can access the project’s external content type and model by using the provided naming specifications.
Which properties in the external content-type editor must you set when you create the external content type in SharePoint Designer?
(Each correct answer presents part of the solution. Choose all that apply)
A. Set the value of the Display Name property to Project.
B. Set the value of the Namespace property to http://adventureworks/sites/portal.
C. Set the value of the Namespace property to proj_info.
D. Set the value of the Name property to proj_info.
E. Set the value of the Display Name property to proj_info.
F. Set the value of the Name property to Project.
Correct Answer: CF
Explanation/Reference:
From scenario:
C. The Project external content type must use the root namespace proj_info.
F.

<table>
<thead>
<tr>
<th>Component Type</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Custom List app</td>
<td>Admin</td>
<td>Allows users to create and edit project information.</td>
</tr>
<tr>
<td>Document Library</td>
<td>Project</td>
<td>Documents</td>
</tr>
<tr>
<td>Document Library</td>
<td>Documents</td>
<td>Allows users to upload and download files that are related to projects.</td>
</tr>
<tr>
<td>Page</td>
<td>Project Information</td>
<td>Allows users to view project information.</td>
</tr>
<tr>
<td>Tasks app</td>
<td>Tracking</td>
<td>Allows users to create and manage project tasks.</td>
</tr>
<tr>
<td>External Content Type</td>
<td>Project</td>
<td>Allows the app to connect to external data.</td>
</tr>
</tbody>
</table>

Question 65
Which types of files should you create?
You must create a search results page for the real estate properties that are available in each real estate office.
You need to display the search result for the internet site collection.
Which types of files should you create? (Each correct answer presents part of the solution. Choose all that apply)
A. JavaScript (.js)
B. Active Server Page (.aspx)
C. Master Page (.master)
D. HTML (.html)
E. XML (.xml)
Correct Answer: BC
Explanation/Reference:
Master Page defines "placeholders" which can be overridden in child page Content Page of a Master Page defaults to default.aspx

Question 66
Which control should you add?
You need to add the field control to the About Us page layout.
Which control should you add?
A.
B. 

C.

D.

Correct Answer: A

Explanation/Reference:

Scenario:
The About Us page layout must include a field to which the user may add Web Parts. Once dragged in the required region of the page (generally inside a div or a table) you will a markup generated by SharePoint something like this:

```xml
<PublishingWebControls:RichHtmlField FieldName="6946f02c-c941-452e-be99-14126eb266ef" runat="server" />
```

Now modify this to give it a field name so that it appears during the edit page mode.

http://sharepoint.stackexchange.com/questions/36989/how-to-format-richhtmlfield-in-publishing-site-custom-page-layout

Question 67

How should you configure the content types and page layouts?

You need to configure the content types and page layouts that are used to display information about the members of the board of directors. (To answer, drag the appropriate content types to the correct location in the answer area. Each content type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content)

Select and Place:

Correct Answer:

Explanation/Reference:

Question 68

Which option should you select?
You need to add the city of Dallas to the Cities term set.
On the Term Store Management Tool page, which option should you select?
(To answer, select the appropriate option in the answer area.)
Hot Area:

Correct Answer:

Explanation/Reference:

**Question 69**
Which code segment should you add at line IM07?
You need to include the details of each property as managed metadata.
Which code segment should you add at line IM07?
A. 
```csharp
bool allTermsAdded = false;
string errorMessage = string.Empty;
ImportManager manager = termStore.GetImportManager();
manager.ImportTermSet(group, reader, out allTermsAdded, out errorMessage);
```
B. 
```csharp
bool allTermsAdded = false;
string errorMessage = string.Empty;
ImportManager manager = taxonomySession.GetImportManager();
manager.ImportTermSet(group, reader, out allTermsAdded, out errorMessage);
```
C. 
```csharp
TermSet termSet = group.TermSets["Features"]; 
ImportManager manager = taxonomySession.GetImportManager();
manager.ImportTermSet(termSet, reader);
```
D. 
```csharp
TermSet termSet = group.TermSets["Features"]; 
ImportManager manager = termStore.GetImportManager();
manager.ImportTermSet(termSet, reader);
```

Correct Answer: A
Explanation/Reference:
*ImportManager.ImportTermSet method imports a TermSet object into the parentGroup from a .csv file.*

**Question 70**
What should you do?
You need to configure search engine optimization for the site collection.
On the Search Engine Optimization Settings page, what should you do?
(Each correct answer presents part of the solution. Choose all that apply)
A. Select the Do not filter link parameters option.
B. In the Filter link parameters text box, enter agentName&officeId&certs
C. In the Filter link parameters text box, enter agentName:officeId
D. In the Filter link parameters text box, enter agentName&officeId
E. Select the Filter link parameters option
F. In the Filter link parameters text box, enter agentName;officeld;certs

Correct Answer: CE

Explanation/Reference:
Sign in to the webmaster tools portal for your desired search engine and provide requested information about your website.
Enable or disable link parameters
1. From your SharePoint public site home page, click Settings Small Settings gear that took the place of Site Settings. > Site settings > Site Collection Administration > Search engine optimization settings.
2. Do either of the following:
If you want parameters to be stripped from all links, click Do not filter link parameters.
If you want certain parameters to be tracked by search engines, click Filter link parameters, and then enter the parameters in the box. Be sure to separate parameters with a semicolon (for example, year;month).
3. Click OK.
From scenario:
The search engine must recognize that the following URLs display the same information about the same agent
http://www.contoso.com/FindAnAgent?agentName=JohnDoe&officeld=Sacramento
http://www.contoso.com/FindAnAgent?agentName=JohnDoe&officeld=Sacramento&icerts=true

Question 71
Which method should you use?
You need to implement connection management for catalog connections.
Which method should you use? (Each correct answer presents part of the solution. Choose all that apply)
A. public void UpdateCatalogConnection(CatalogConnectionSettings catalogInfo)
B. public void OnPublishCatalog(string catalogPath)
C. public void DeleteCatalogConnection(string catalogPath)
D. public void SetCatalogConnection(string catalogPath, bool disconnect)

Correct Answer: AC

Explanation/Reference:
CatalogConnectionManager class manages catalog connections that are used in a site collection.
CatalogConnectionManager. UpdateCatalogConnection method updates the catalog that is currently connected to the site that is specified in the constructor. public void UpdateCatalogConnection(CatalogConnectionSettings catalogInfo)
CatalogConnectionManager.DeleteCatalogConnection method removes a catalog connection and the associated search result source from the site specified in the constructor. public void DeleteCatalogConnection(string catalogPath)
CatalogConnectionSettings class stores configuration information for the PublishingCatalogUtility object that is connected to a SPSite object.
From scenario:
You must create a custom tool that site collection administrators use to manage catalog connections.
You must define the API calls to remove (C) or update (A) existing catalog connections.

Question 72
Which link should you select?
You need to configure search results to meet the requirements for the Real Estate Guidelines document.
On the Site Settings page in the top level site of the site collection, which link should you select?
(To answer, select the appropriate link in the answer area)

Correct Answer:
Search
Result Sources
Result Types
Query Rules
Schema
Search Settings
Searchable columns
Search and offline availability
Configuration Import
Configuration Export

Site Collection Administration
Recycle bin
Search Result Sources
Search Result Types
Search Query Rules
Search Schema
Search Settings
Search Settings
Search Configuration Import
Search Configuration Export
Site collection features

Explanation/Reference:
Scenario:
Site visitors must be able to search for documents that are located anywhere on the site. When a visitor searches for the word Guidelines, a PDF document named Real Estate Guidelines must appear at the top of the search results. As a SharePoint Online administrator, you can improve search results by creating and managing query rules. Query rules help searches respond to the intent of users. In a query rule, you specify conditions and associated actions. When a query meets the conditions in a query rule, the search system performs the actions specified in the rule to improve the relevance of the search results. This could be by narrowing results or changing the order in which results are displayed. For example, a query rule condition could be that a term in a query matches a particular term in a SharePoint term set, or that a query is frequently performed on a particular result source in a search system, such as videos. When the query rule condition is met, an associated action could be to show a specific item at the top of the search results. Say you have an intranet site where all company events are maintained in a library, and you want to promote a first-aid seminar. To do this, you create a query rule that boosts the first-aid seminar to the top of the search results when someone searches for "seminar" or "event."


Question 73
What should you do?
You need to configure search engine optimization for the site.
What should you do? (Each correct answer presents part of the solution. Choose all that apply)
A. Disable anonymous access to the web application while you make changes.
B. Activate the Search Engine Sitemap feature in the site collection.
C. Disable anonymous access to the site collection while you make changes.
D. On the Search Engine Optimization Settings page, in the Include these metatags in pages text box, enter <meta name="do-not-follow" value="?" ConfigurationFiles/>
E. Ensure that the Search Engine Sitemap job is running.
F. On the Search Engine Sitemap Settings page, enter Disallow: /_ConfigurationFiles/ to the exclusion rules.

Correct Answer: BD
Explanation/Reference:
Steps in the SEO process
Configure SEO settings for the site collection.
Add and edit SEO metatags
D (not F) Configure SEO settings for the site collection Verify site ownership
1. Sign in to the webmaster tools portal for your desired search engine and provide requested information about your website.
2. From your SharePoint Public Website home page, click Settings Small Settings gear that took the place of Site Settings > Site settings > Site Collection Administration > Search engine optimization settings.
3. Click Include these meta tags in pages
4. Copy the meta tag provided by the webmaster tools portal, and paste it into the box.
5. Click OK.
6. From the webmaster tools portal, ask the search engine to verify your ownership of this website.


Question 74
Which items should you implement?
You need to implement logging.
Which items should you implement? (Each correct answer presents a complete solution. Choose all that apply)
A. SPDiagnosticsServiceBase.WriteEvent
B. Microsoft.SharePoint.Diagnostics.ULSLogEntry
C. SPUserSid
D. PortalLog.LogString
E. SPAlertTemplate
F. SPSecurity.RunWithElevatedPrivileges

Correct Answer: AB
Explanation/Reference:
A: EventLog.WriteEvent method writes a localized event entry to the event log.
D: PortalLog and its members are reserved for internal use and are not intended to be used in your code.
F: The SPSecurity.RunWithElevatedPrivileges executes the specified method with Full Control rights even if the user does not otherwise have Full Control.

From Scenario
You design an application framework. The framework is used by other developers on the team. The framework must include entry points that are used to log errors and exceptions. You need the entry points.

**Question 75**
What should you do?
You create a custom Visual Web Part. You deploy the solution package to the farm by using Windows PowerShell. When you try to add the custom Visual Web Part to a SharePoint site, an error message displays that includes a correlation ID.

You need to determine the cause of the error. What should you do? (Each correct answer presents complete solution. Choose all that apply.)
B. Run the Get-SPDiagnosticConfig Windows PowerShell cmdlet.
C. Run the Get-SPHealthAnalysisRule Windows PowerShell cmdlet.
D. View the Service Calls tab on the Developer Dashboard.
E. View the Unified Logging Service (ULS) tab on the Developer Dashboard.

Correct Answer: AE
Explanation/Reference:
http://ittechnotebook.blogspot.co.uk/2013/07/how-to-find-real-error-in-sharepoint.html

**Question 76**
What should you do?
You need to retrieve the required performance counters.
What should you do?

A. Run the following Windows PowerShell cmdlet:
B. Run the following Windows PowerShell cmdlet:
C. Run the following Windows PowerShell cmdlet:
D. Run SQL Server Profiler.

Correct Answer: B
Explanation/Reference:
The **Get-SPWebApplicationHttpThrottlingMonitor** cmdlet reads all counters for network throttling on a Web application. This cmdlet returns a list that contains all of the performance counters and their associated Health Score bucket values.

**Question 77**
What should you do?
You need to resolve the image loading issue.
What should you do?

A. Set the size of the site collection object cache to at least 100MB.
B. Enable the binary large object (BLOB) cache on each front-end web server.
C. Activate the Content Organizer site feature.
D. Enable authenticated cache profiles for the site output cache.
E. Enable publishing features for the site collection.
F. Set the default device channel to the active channel.

Correct Answer: ABE
Explanation/Reference:
Image Renditions are one of the new capabilities of the SharePoint 2013 platform that can help you improve the user experience of your website by optimizing images. Using Image Renditions you can have original (large) images stored in your website and then define a number of scaled variants to be used throughout the website.

To minimize the performance impact caused by dynamically rendering images, the Image Renditions capability depends on the BLOB cache which caches generated renditions. For this mechanism to work properly, you have to enable the BLOB cache for your Web Application in web.config.

For image renditions to work you need to have three things done:
A publishing site collection (or at least the publishing features enabled)
A configured BLOB cache
An Asset Library (recommended)

A. The object cache is used internally to optimize page rendering by storing properties of sites, page layouts, and pages. The object cache reduces the amount of traffic between the Web server and a SQL database. This results in higher throughput of rendered pages, thereby increasing the number of pages that can be delivered to clients.
B. SharePoint Server 2013 provides a disk-based cache that stores files that are used by web pages to help them load quickly in the browser, and reduces the load on the database server when it uses those files. These files are known as binary large objects (BLOBs), and the cache is known as the BLOB cache. The BLOB cache is stored directly on the hard disk drive of a front-end web server computer.

When using Image Rendition you will have to enable BLOBCache to improve performance.

By using Device Channel Renditions you can create smaller image sizes designated specifically for mobile use. This allows the mobile user to browse the smaller version, increasing the overall performance for the device they are using. Image Rendition enables you to have large files stored within your website along with smaller scaled variations for mobile users.

When using Image Rendition you will have to enable BLOBCache to improve performance.

http://blog.mastykarz.nl/image-renditions-sharepoint-2013/
http://sharepoint.stackexchange.com/questions/72802/2013-image-renditions-no-edit-rendition-option

**Scenario:**
Some employees report that the home page loads slowly. You investigate the issue and find out that the size of some images is very large. You must
enable image renditions on the intranet site collection.

Question 78
Which caching option should you use?
You need to implement caching in your code.
Which caching option should you use?
A. Object Cache
B. Distributed Cache
C. Windows Server AppFabric Cache
D. ASP.NET cache

Correct Answer: C
Explanation/Reference:

Question 79
What should you do?
You need to raise the visibility of the sites.
What should you do?
A. Enable the Reports and Data Search feature for the site collection.
B. Create a custom timer job that generates the SiteMap xml file in the root directory of the web application
C. Add a Script Editor Web Part to the landing page of the publishing site. In the web part, enter the location of the SiteMap.xml file.
D. In Internet Information Services (IIS), enable the SiteMap ISAPI filter for the web application
E. Enable the Search Engine Sitemap Site Collection feature for the site collection.

Correct Answer: E
Explanation/Reference:
SiteCollection Feature:
Search Engine Sitemap
Automatically generating a search engine sitemap containing all valid URLs on a SharePoint website on a recurring basis which can be used to improve search engine optimization. Anonymous access must be enabled

Sitemap
SEO features are enabled by default when you provision your public website. As you might expect, they are accessed from the Site Settings page under Site Collection Administration. The features are divided into two groups, SEO settings and sitemap settings.
- Search engine optimization settings Includes two settings for analyzing and refining search results. The first enables you to verify ownership of your website so you can aggregate site statistics using webmaster tools provided by search engines. The second, canonical link filtering, allows for consolidation of related URLs so popularity rankings for a given page can be calculated accurately.
- Search engine sitemap settings Used to edit the robots.txt file to indicate which URLs on your site to exclude from search. Also generates a sitemap file automatically.

Question 80
Which filtering option should you use?
You need to configure filtering for the Product page.
Which filtering option should you use?
A. products/pages/products.aspx?productID=*&.productCategory=*  
B. products.aspx;productID;productCategory;lucernepublishing.com
C. products;productID;productCategory;lucernepublishing.com
D. products/pages/products.aspx?*
E. productID;productCategory

Correct Answer: E
Explanation/Reference:
Enabling canonical link parameter filtering means SharePoint will strip all parameters from links unless you specify otherwise when reporting URLs to search engines. In other words, you can explicitly state when parameters should be included with links and what those parameters should be.
If you want certain parameters to be tracked by search engines, click Filter link parameters, and then enter the parameters in the box. Be sure to separate parameters with a semicolon (for example, year:month).

http://www.sharepoint2013.me/Blog/Post/321/Canonical-URL-filtering-in-SharePoint

Question 81
How should you complete the relevant code?
You need to implement the social features.
How should you complete the relevant code?
(To answer, select the appropriate option from the dropdown list in the answer area)

Hot Area:
Correct Answer:

SocialFeedManager class provides methods for creating posts, modifying threads, and accessing social feeds. SocialFeedManager.GetFeed method gets a feed of activity by the current user, and optionally by followed people and content or by the user's organization. public ClientResult<SocialFeed> GetFeed(SocialFeedType type, SocialFeedOptions options)
SocialFeedManager.GetFeedFor method gets a feed of activity by the specified user or team site. public ClientResult<SocialFeed> GetFeedFor(string actorId, SocialFeedOptions options)
SocialFeedType enumeration specifies a SocialFeed type.
Personal - Activity by the current user.
News - Activity by the current user and by people and content that the user is following. Favors the most recent activity within the specified time span.


Question 82
Which three actions should you perform in sequence?
You need to notify Windows phone users about the new Windows phone app.
Which three actions should you perform in sequence?
(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order)
Select and Place:
A device channel panel is a container that can be used on a master page or page layout when you want specific content to render based on the alias of a given device channel, or set of channels. For example, you may have a web part or control that you want revealed only on the desktop view of the site, and not on any mobile device. The device channel panel can enable you to encapsulate this web part in code, and enable you to render it only through a designated device channel.

From scenario:
You create a Windows Phone app. When users access the site by using a Windows phone, a message must appear on every page of the mobile site. The message must notify users that they can download the Windows Phone app to their phone. The HTML that contains the message must render only to

<table>
<thead>
<tr>
<th>Correct Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actions</td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td>Use Javascript to set the value of the <code>display</code> property to <code>block</code> in the master page is being accessed by a Windows phone.</td>
</tr>
<tr>
<td>Add a <code>&lt;div&gt;</code> tag that contains the notification message in the master page and set the default rendering style sheets (CSS) <code>display</code> property to <code>none</code>.</td>
</tr>
<tr>
<td>Edit the master page named default.</td>
</tr>
</tbody>
</table>

Explanation/Reference:
A device channel panel is a container that can be used on a master page or page layout when you want specific content to render based on the alias of a given device channel, or set of channels. For example, you may have a web part or control that you want revealed only on the desktop view of the site, and not on any mobile device. The device channel panel can enable you to encapsulate this web part in code, and enable you to render it only through a designated device channel.

From scenario:
You create a Windows Phone app. When users access the site by using a Windows phone, a message must appear on every page of the mobile site. The message must notify users that they can download the Windows Phone app to their phone. The HTML that contains the message must render only to the
Question 83
How should you complete the relevant code?
You need to implement the social maintenance tool.
How should you complete the relevant code?
(To answer, select the appropriate option from each dropdown list in the answer area)
Hot Area:
```
protected bool follow(ClientContext context,
                           SocialFollowingManager fm, string user)
{
    SocialActorInfo info = new SocialActorInfo();
    info.AccountName = user;
    SocialResult<SocialFollowResult> result =
        fm.Follow(info);
    context.ExecuteQuery();

    if (result.Value == SocialFollowResult.AlreadyFollowing)
    {
        return true;
    }
    return false;
}
```
Correct Answer:
```
protected bool follow(ClientContext context,
                           SocialFollowingManager fm, string user)
{
    SocialActorInfo info = new SocialActorInfo();
    info.AccountName = user;
    SocialResult<SocialFollowResult> result =
        fm.Follow(info);
    context.ExecuteQuery();

    if (result.Value == SocialFollowResult.AlreadyFollowing)
    {
        return true;
    }
    return false;
}
```
Explanation/Reference:
The SocialFollowResult type specifies the result status of a request to follow an actor. The SocialFollowResult type specifies the result status of a request to follow an actor:
- OK
- AlreadyFollowing
- LimitReached
- InternalError
AlreadyFollowing specifies that the current user was already following the specified actor and no actions were performed to meet the request. SocialFollowingManager.Follow method adds the specified actor to the current user’s list of followed actors.

Question 84
What should you do?
You need to ensure that the data synchronization does not affect the end user experience on the intranet.
What should you do? (Each correct answer presents part of the solution. Choose all that apply)
A. Add the following code to the application:
   clientContext.ApplicationName = "Lucerne Win8 Sync";
B. Add the following code to the application:
C. Run the following PowerShell cmdlet:

```powershell
Get-SPRequestManagementSettings -Identity https://intrane.luceneresolving.com
```

D. Run the following PowerShell cmdlet:

```powershell
Add-SPThrottlingRule -RequestManagementSettings $null
```

Correct Answer: AC

Explanation/Reference:
The *Get-SPRequestManagementSettings* cmdlet returns a Request Manager object which is base for performing any request manager management operation.

Use the *New-SPRequestManagementRuleCriteria* cmdlet to create criteria for the rule to match.

The *Add-SPThrottlingRule* cmdlet adds a new throttling rule for the farm by using the Name and RequestManagementSettings parameters.


**Question 85**

How should you complete the relevant code?

You need to add code to line CM07 to create the Research Content document set.

How should you complete the relevant code?

(To answer, select the appropriate option from the dropdown list in the answer area.)

**Hot Area:**

Correct Answer:

```powershell
PS C:\> $List = web.Lists["Research Pape"]
PS C:\> $Folder = $List.RootFolder
PS C:\> $DocumentSet = $List.ContentTypes("Document Set")
PS C:\> $Folder("Research Content", New-Item $DocumentSet, $List, $Properties, $true)
```
Explanation/Reference:
Creates a new DocumentSet object:

```csharp
DocumentSet.Create(SPFolder, String, SPContentTypeId, Hashtable)
DocumentSet.Create(SPFolder, String, SPContentTypeId, Hashtable, Boolean)
```


**Question 86**
What should you do?
You need to generate document identifiers for each new document that is uploaded to the site.

What should you do?
A. Create a derived class that inherits from the abstract class named Microsoft.Office.DocumentManagement.DocumentId and then override all of the abstract methods.
B. Create a derived class that inherits from the abstract class named Microsoft.Office.DocumentManagement.DocumentIdProvider and then override all of the virtual members.
C. Create a derived class that inherits from the Microsoft.Office.DocumentManagement.DocumentIdProvider abstract class and then implement all abstract members.
D. Create a class to implement the Microsoft.Office.DocumentManagement.IDocumentId interface and then override all of the virtual members.

Correct Answer: C

Explanation/Reference:
DocumentIdProvider class represents the base abstract class for implementing a Document ID generator. All members are abstract, not virtual.


**Question 87**
How should you complete the relevant code?
You need to add code at line AJ05 to complete the implementation of the app.

How should you complete the relevant code?
(To answer, drag the appropriate code segment to the correct location in the answer area. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content)

Select and Place:

Correct Answer:
Question 88

How should you complete the relevant code?

You need to add code to line MP57 to display the required properties for the user profile.

How should you complete the relevant code?

(To answer, drag the appropriate code segments to the correct locations in the answer area. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

Select and Place:

Correct Answer:

```csharp
public UserProfilePropertiesForUser(ClientRuntimeContext context, string accountName, string[] propertyNames)
{
    // Connect to the client context.
    ClientContext clientContext = new ClientContext(serverUrl);
    // Get the PeopleManager object.
    PeopleManager peopleManager = new PeopleManager(clientContext);
    // Retrieve specific properties by using the GetUserProfilePropertiesFor method.
    // The returned collection contains only property values.
    string[] profilePropertyNames = new string[] { "PreferredName", "Department", "Title" };
    UserProfilePropertiesForUser profilePropertiesForUser = new UserProfilePropertiesForUser(clientContext, targetUser, profilePropertyNames);
    IEnumerable<string> profilePropertyValues = peopleManager.GetUserProfilePropertiesFor(profilePropertiesForUser);
    // Your code to display the properties here.
}
```
// Load the request and run it on the server.
clientContext.Load(profilePropertiesForUser);
clientContext.ExecuteQuery();


Question 89
Which code segment should you insert at line MP57?
You need to ensure that users can upload pictures
Which code segment should you insert at line MP57?

A. using (SPSite site = new SPSite("http://trysearch.com/users"))
   {
      var upm = new UserProfileManager(clientContext);
      upm.GetUserProfile(account);
      upm["PictureUrl"][Value = picURL;
      up.Commit();
   }

B. var peopleManager = new PeopleManager(clientContext);
    var personProperties = peopleManager.GetPropertiesFor(account);
    ...
    Stream sr = new System.IO.FileStream(picURL, FileMode.Open);
    peopleManager.SetMyProfilePicture(sr);
    ...

C. using (SPSite site = new SPSite("http://trysearch.com/users"))
   {
      var upm = new UserProfileManager(clientContext);
      upm.GetUserProfile(account);
      Stream sr = new System.IO.FileStream(picURL, FileMode.Open);
      upm.SetMyProfilePicture(sr);
      up.Commit();
   }

D. var peopleManager = new PeopleManager(clientContext);
    var personProperties = peopleManager.GetPropertiesFor(account);
    ...
    Stream sr = new System.IO.FileStream(picURL, FileMode.Open);
    peopleManager.SetMyProfilePicture(sr);

Correct Answer: B
Explanation/Reference:
PeopleManager.SetMyProfilePicture method uploads and sets the user profile picture.
PersonProperties.PictureUrl property gets the URL of the user's profile picture.

Question 90
How should you complete the relevant code?
You need to add code to line MP22 to create the custom profile property
How should you complete the relevant code?
(To answer, drag the appropriate code segments to the correct locations in the answer area. Each code segment may be used once or not at all. You may need to drag the split bar between panes or scroll to view content)
Select and Place:

Correct Answer:
Question 91
Which object model should you use?
You need to ensure that employees can change their display name.
Which object model should you use?
A. Use the server-side object model
B. Use a Representational State Transfer (REST) based service.
C. Use the JavaScript object model
D. Use the .Net client-side object model

Correct Answer: A
Explanation/Reference:

Question 92
Which options should you select?
You need to create the external content type to support the data model.
In the Return Parameter Configuration dialog box, in the properties section, which options should you select?
(To answer, select the appropriate setting or settings in the answer area)

Correct Answer:
Question 93
Which three actions should you perform in sequence?
You need to configure authentication for the external content type in the production environment.
Which three actions should you perform in sequence?
(To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order)
Select and Place:

**Actions** | **Answer Area**
---|---
Add the sqltrex user login to the secure store service. |  
Configure permissions to allow the user that is logged in to have access to the secure store service. |  
Stop the business data connectivity service. |  
Create a secure store service application as a target application. |  
Connect to the external data source by using the impersonated custom identity and the target application name. |  
Connect to the external data source by using the impersonated windows identity and the target application name. |  

Correct Answer:
You must create an external content type named TreyResearch to access the SQL data source. During development, the data source will be accessible locally.

The solution must use the SQL Server user named sqltrey to connect to the database.

Question 94
Which authentication mechanism should you use?
You need to configure authentication to access the SQL data source during development.
Which authentication mechanism should you use?
A. Impersonated Windows Identity
B. Pass Through
C. Impersonated Custom Identity
D. Forms Based Authentication

Correct Answer: B

Explanation/Reference:
From scenario:
You must create an external content type named TreyResearch to access the SQL data source. During development, the data source will be accessible locally.

The solution must use the SQL Server user named sqltrey to connect to the database.

Jes (Netherlands, 14.01.2014): I think that instead of Impersonated Windows Identity you should use Impersonated Custom Identity. As the Case states: "The solution must use the SQL Server user named sqltrey to connect to the database". This combined with: http://www.atlantacodefactory.com/blog/?p=180 leads me to this conclusion.

Dark Knight (Canada, 31.07.2014): the third/last step is the option "Connect using Impersonated Custom Identity"

Question 95
Which indexing connector should you use?
You need to configure the external content type to search for research papers.
Which indexing connector should you use?
A. .NET Type Connector
B. WCF Service Connector
C. Custom Connector
D. SQL Server Connector

Correct Answer: D

Explanation/Reference:
Testking, ExamCollection, Lead2Pass: Answer B

Question 96
What should you do?
You need to search for research papers that contain media files.
What should you do? (Each correct answer presents part of the solution. Choose all that apply.)
A. Add an Association operation from the ResearchPapers.ID field to the Windows Media Service.
B. Use Remote BLOB storage.
C. Add an Association operation from the ResearchPapers.ID field to the TreyResearch external content type.
D. Create a SQL Server-based external content type.

Correct Answer: BD

Explanation/Reference:
Question 97
What should you do?
You need to configure the Content Enrichment web service to index content from the AbstractIndexer service.
What should you do?
A. Set the value of the OutputProperties array to Trigger=True.
B. Set the value of the SendRawData property to false.
C. Configure conditions for the Trigger property.
D. Set the value of the InputProperties property to Trigger=True.

Correct Answer: A
Explanation/Reference: