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QUESTION 1
You are testing a Windows Phone 7 application. The application is designed to optimize the frames per second display on both the composite thread and the UI thread. The application testing must validate that this performance metric is achieved. You need to recommend a way to test the application to confirm that the performance metric is met. Which property of the System.Windows.Interop.Settings class should be modified?

A. MaxFrameRate
B. EnableGPUAcceleration
C. EnableRedrawRegions
D. EnableFrameRateCounter

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 2
You are designing a Windows Phone 7 application that uses a timer. The application throws an exception when trying to update the UI from a thread other than the UI thread. You need to ensure that the timer updates on the UI thread. Which class should you recommend to prevent the exception?

A. Timer
B. ThreadPool
C. DispatcherTimer
D. Thread

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 3
You are debugging a Windows Phone 7 application that contains a breakpoint in the Activated event. You click the Search button of the emulator to perform a Bing search and notice that Microsoft Visual Studio is still attached to the emulator process. You need to step into the code of the Activated event.
What should you recommend?

A. Stop the debugger and then start it again.
B. Attach to the XDE.exe process.
C. Launch the application by using the Start button of the emulator and clicking the application icon.
D. Click the Back button of the emulator.

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 4
You are testing a Windows Phone 7 application that uses a large amount of device memory at run time. According to the Windows Phone 7 application certification requirements, the application must not use more than 90 MB of device memory if a devices physical memory is only 256 MB. You need to ensure that the application conforms to the application certification requirements. Which properties of the DeviceExtendedProperties class should be used to test the application? (Each correct answer presents part of the solution. Choose all that apply).

A. ApplicationPeakMemoryUsage
B. DeviceTotalMemory
C. DeviceManufacturer
D. DeviceHardwareVersion
E. DeviceFirmwareVersion
F. ApplicationCurrentMemoryUsage

Correct Answer: AB
Explanation

Explanation/Reference:
Explanation:

QUESTION 5
You are designing a Windows Phone 7 application that includes data entry functionality. The application will require data to be saved when users click the Start button. The data must be available in the application regardless of how the application is exited and re-entered. You need to recommend a way to ensure the availability of user data. What should you recommend?

A. Use the OnNavigatedFrom() method to store the data in the PhoneApplicationService.State dictionary.
B. Use the Closing and Deactivated events to store the data to isolated storage.
C. Use the OnNavigatedTo() method to store the data to isolated storage.
D. Use the Closing and Deactivated events to store the data in the PhoneApplicationService.State dictionary.

Correct Answer: B
Explanation

Explanation/Reference:
Explanation:

QUESTION 6
You are designing a Windows Phone 7 application. The current size of the application is 60 MB and includes several high-definition videos. The videos must be as high quality as possible. You need to ensure that users can download the application from the Windows Phone 7 Marketplace over a General Packet Radio Service (GPRS) or 3G phone connection. What should you recommend?

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A. Ensure that the maximum XAP file size is within the size limitation of the Windows Phone 7 Marketplace standards for over-the-air downloads.
B. Ensure that the maximum size of each video is within the size limitation of the Windows Phone 7 Marketplace standards for over-the-air downloads.
C. Ensure that the XAP file is smaller than the maximum size of isolated storage.
D. Ensure that each video is smaller than the maximum size of isolated storage.

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 7
You are designing a Windows Phone 7 application. The application will capture and store the current date and time each time it is run. When a user leaves the application by using the phone's Start button and navigates back by using the phone's Back button, the application must load previously stored data. You need to ensure that previously stored date and time information is reloaded when a user navigates back to the application by using the phones Back button. What should you recommend to load the saved state data?

A. the Application.Activated event
B. the PhoneApplicationPage.OnNavigatedFrom() method
C. the Application.Launching event
D. the PhoneApplicationPage.OnNavigatedTo() method

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 8
You are designing a Windows Phone 7 application. The application must continually perform calculations and update the UI while a user is interacting with the application. You need to ensure that the UI is always able to respond to user input. Which actions should you perform? (Each correct answer presents part of the solution. Choose all that apply.)

A. Use the BackgroundWorker class.
B. Use the Application object for the application.
C. Use the Thread.BeginInvoke method.
D. Use the Dispatcher.BeginInvoke() method.

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 9
You are designing a Windows Phone 7 application. The application downloads images from a photography website. The UI is not responding while downloading these images. You need to recommend an update to the application to prevent it from being unresponsive while downloading images. What should you recommend?

A. Use the BeginGetRequest() method of the HttpWebRequest class.
B. Use the BeginGetRequest() method of the WebClient class.
C. Use the DownloadStringCompleted() method of the HttpWebRequest class.
D. Use the OpenReadAsync() method of the WebClient class.

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 10
You are designing a Windows Phone 7 application. You need to recommend a design strategy that will allow the application to be accepted into the Windows Phone 7 Marketplace. What should you recommend?

A. The application must support trial mode.
B. The file size of the application must meet the criteria of the Windows Phone 7 Marketplace.
C. The application must be localized to each region that is supported by the Windows Phone 7 Marketplace.
D. The file size of the application must be downloadable over a General Packet Radio Service (GPRS) or 3G phone connection.

Correct Answer: B
Explanation

Explanation/Reference:
Explanation:

QUESTION 11
You are designing a Windows Phone 7 application. The application requires an animation that moves a UIElement object on the screen from point A to point B. You need to ensure that the animation does not impact the performance of the application. What should you recommend?

A. Update the X and Y coordinates of UIElement.
B. Use ScaleTransform.
C. Use TranslateTransform.
D. Use PlaneProjection.

Correct Answer: C
Explanation

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Explanation/Reference:
Explanation:

QUESTION 12
You are designing a Windows Phone 7 application that uses multiple pages for the entry of user data. A user can freely navigate among the pages in the application at any time. The user can also perform actions that use a launcher or chooser object to select data to populate data entry fields. You need to recommend a way for page data to persist when the user navigates through the application. What should you recommend?

A. Add logic to the Application_Launching and Application_Closing events that retrieve and store page data to IsolatedStorage when the events are executed.
B. Add logic to the Application_Deactivated and Application_Activated events that retrieve and store page data by using the State property of the PhoneApplicationService object when the events are executed.
C. Add a button to the page with a Click event that persists the page data to IsolatedStorage when the button is clicked.
D. Add NavigatedTo and NavigatedFrom events that retrieve and store page data by using the State property of the PhoneApplicationService object when the events are executed.

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 13
You are designing a Windows Phone 7 application that depends on having a network connection. The network connection occasionally becomes unavailable. The application must not poll to see if a network connection is available. Application data must be available when the application is closed and reopened. You need to ensure that application data is available when the network connection returns.
What should you recommend?

A. Use the NetworkChange.NetworkAddressChanged event and save the data to the PhoneApplicationService.State dictionary.
B. Use the NetworkInterface.GetIsNetworkAvailable method and save the data to the PhoneApplicationService.State dictionary.
C. Use the NetworkInterface.GetIsNetworkAvailable method and save the data to isolated storage.
D. Use the NetworkChange.NetworkAddressChanged event and save the data to isolated storage.

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 14
You are designing a Windows Phone 7 application that refreshes data from the network. The application will retrieve data when the phone is active. You need to stop network activity when the screen on the phone is locked. What should you recommend?

A. Set the ApplicationIdleDetectionMode property of the applications PhoneApplicationService object to Disabled.
B. Handle the Obscured event of the applications root PhoneApplicationFrame object.
C. Handle the Unobscured event of the applications root PhoneApplicationFrame object.
D. Handle the Application_Deactivated event of the applications root PhoneApplicationFrame object.

Correct Answer: B
Explanation

Explanation/Reference:
Explanation:

QUESTION 15
You are designing a Windows Phone 7 application that receives data from a third-party RESTful service. The data is in JSON format. You need to recommend a way to consume the service. What should you recommend?

A. Use the wsHttpBinding of Microsoft Windows Communication Foundation (WCF).
B. Use the WebResponse object.
C. Use the basicHttpBinding of Microsoft Windows Communication Foundation (WCF).
D. Use the WebClient object.

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 16
You are designing a Windows Phone 7 application. You need to store data so that it will be available if the application is resumed. What should you recommend?

A. In application Closing event handler, save the data to the PhoneApplicationService.State dictionary.In application Launching event handler, read the data from the PhoneApplicationService.State dictionary.
B. In the application Deactivated event handler, save the data to the PhoneApplicationService.State dictionary.In the application Activated event handler, read the data from the PhoneApplicationService.State dictionary.
C. In the application Deactivated event handler, save data to the PhoneApplicationService.State dictionary.In the application Launching event handler, read the data from the PhoneApplicationService.State dictionary.
D. In the application Closing event handler, save the data to the PhoneApplicationService.State dictionary.In the application Activated event handler, read the data from the PhoneApplicationService.State dictionary.

Correct Answer: B
Explanation

Explanation/Reference:
Explanation:

QUESTION 17
You are designing a Windows Phone 7 application that receives data from a Microsoft Windows Communication Foundation (WCF) service. A WCF service call fails when a user presses the Start button after the WCF service call begins but before it completes. You need to ensure that the WCF service call succeeds. What

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should you recommend?

A. Handle the deactivated and activated events and retry the WCF service call if it did not complete.
B. Check the results of the completed event and retry the WCF service call if no data exists.
C. Add a try/catch block around the WCF service call and retry the WCF service call if an exception has been caught.
D. Examine the error property of the completed event and retry the WCF service call if an error occurred.

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 18
You are designing a Windows Phone 7 application. The application must be able to receive data from a Microsoft Windows Communication Foundation (WCF) web service. You need to ensure that authentication requests are passed to the WCF web service. What should you recommend?

A. basic authentication with credentials in the header
B. Windows Identity Framework (WIF)
C. OpenID protocol
D. Window Live ID Single Sign-On (SSO)

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 19
You are designing a Windows Phone 7 application. The application must use a dynamic application key to access a companys web services. You need to recommend a way to help keep the application secure. What should you recommend?

A. Use a custom class in the same assembly as the WebClient object that contains a string property holding the application key.
B. Encrypt the application key and store it in the Application.Resources section of the App.xaml.cs file.
C. Store the application key in a resource file associated to the application project.
D. Create a proxy web service to retrieve the application key.

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 20
You are designing a Windows Phone 7 application. If a user receives a phone call while the application is running, the application loses some input when the user returns to the application after completing the phone call. You need to update the application so it restores user input when the application is resumed, but not when the application is restarted. Which option should you recommend for saving user input?

A. ApplicationSettings
B. Application.Current.Host.Settings
C. ResourceDictionary
D. PhoneApplicationService

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 21
You are designing a Windows Phone 7 application to work with large images that will be stored on a device. The application must be able to use the fastest method available to read and write large images. You need to recommend a data serialization method that ensures the fastest performance for reading and writing images. What should you recommend?

A. XmlSerializer
B. BinaryReader and BinaryWriter
C. DataContractJsonSerializer
D. DataContractSerializer

Correct Answer: B
Explanation

Explanation/Reference:
Explanation:

QUESTION 22
You are designing a Windows service that will send push notifications to a Windows Phone 7 application. You need to recommend a way for the Microsoft Push Notification Service (MPNS) to delay delivery of the notification. Which HTTP header should you recommend?

A. Date
B. X-NotificationClass
C. X-MessageID
D. X-WindowsPhone-Target

Correct Answer: B
Explanation

Explanation/Reference:

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Explanation:

QUESTION 23
You are designing a Windows Phone 7 application that has a Live Tile. You need to ensure that the Live Tile is updated every hour until the user unpins it. Which code segment should you recommend?

A. ShellTileSchedule sts = new ShellTileSchedule();sts.Interval = UpdateInterval.EveryHour;sts.MaxUpdateCount = 7;sts.Recurrence = UpdateRecurrence.OneTime;sts.RemoteImageUri = new System.Uri("");sts.Start();
B. ShellTileSchedule sts = new ShellTileSchedule();sts.Interval = UpdateInterval.EveryHour;sts.Recurrence = UpdateRecurrence.Interval;sts.RemoteImageUri = new System.Uri("");sts.StartTime = DateTime.Now;
C. ShellTileSchedule sts = new ShellTileSchedule();sts.Interval = UpdateInterval.EveryHour;sts.Recurrence = UpdateRecurrence.Interval;sts.RemoteImageUri = new System.Uri("");sts.Start();
D. ShellTileSchedule sts = new ShellTileSchedule();sts.Interval = UpdateInterval.EveryHour;sts.MaxUpdateCount = 7;sts.Recurrence = UpdateRecurrence.Interval;sts.RemoteImageUri = new System.Uri("");sts.StartTime = DateTime.Now;sts.Start();

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 24
You are designing a Windows Phone 7 application that uses a Live Tile with background images. The Live Tile background will be updated with images that are stored on a remote server. Received push notifications will include information about the location of the remote image. You need to ensure that the application can use images from a remote server for the Live Tile background. You ensure that the HttpNotificationChannel is bound to the Live Tile. What should you do next? (Each correct answer presents part of the solution. Choose all that apply.)

A. Open a StreamReader object for the push notification.
B. Use a Dictionary object for the push notification.
C. Bind the list of allowed URIs to the HttpNotificationChannel object.
D. Use a Collection object to capture the list of allowed URIs for the domain.
E. Iterate through the collection of keys in the Dictionary object and build a text string.

Correct Answer: CD
Explanation

Explanation/Reference:
Explanation:

QUESTION 25
You are designing a Windows Phone 7 application that will send messages to update the application tile. The Push Notification Service will send more than five hundred messages a day. You need to design the Push Notification Service to deliver all messages. What should you recommend?

A. Set up a duplex service contract on the server for pushing messages to the phone.
B. Set up a regular Push Notification Service on the server.
C. Set up an authenticated Push Notification Service on the server.
D. Set up a ShellTileSchedule object in the application.

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 26
You are designing a Windows Phone 7 application. Every three hours the application must change the application tile to show a picture depending on the current weather conditions. The application must perform this independently and without outside influence. You need to ensure that the application tile is updated every three hours. Which class should you recommend?

A. ShellTileSchedule
B. HttpWebRequest
C. PhoneApplicationService
D. BindToShellTile

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 27
You are designing a Windows Phone 7 application. You need to recommend a way to update the applications Live Tile to show information to the user. Which aspects of the Live Tile should be updated?

A. size, color, and background image
B. title, count, and background image
C. title, size, and color
D. title, color, and count

Correct Answer: B
Explanation

Explanation/Reference:
Explanation:

QUESTION 28
You are designing a Windows Phone 7 application. The application will use toast notifications to alert the user to critical information. You need to modify the attributes of the toast notification to ensure that the user is informed of the critical nature of the information. What should you recommend? (Each correct answer presents part of the solution. Choose all that apply.)

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A. Set the title to Critical.
B. Change the icon to an exclamation point.
C. Set the background color to red.
D. Set the subtitle to Attention required.
E. Change the display duration to display the notification until it is tapped.

Correct Answer: AD
Explanation

Explanation/Reference:
Explanation:

QUESTION 29
You are designing a Windows Phone 7 application. You need to enable users to download another application from this application without having to search for it. Which class should you recommend?

A. MarketplaceDetailTask
B. WebClient
C. WebBrowserTask
D. SearchTask

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 30
You are designing a Windows Phone 7 application. You need to recommend a way to launch Microsoft Internet Explorer from the application. Which class should you recommend?

A. HttpWebRequest
B. WebBrowserTask
C. WebClient
D. HttpWebResponse

Correct Answer: B
Explanation

Explanation/Reference:
Explanation:

QUESTION 31
You are designing a Windows Phone 7 application. The application tracks location over an hour while the user is walking. You need to retrieve the timestamp associated with the current location. What should you recommend?

A. CivicAddress
B. GeoLocation
C. CivicAddressResolver
D. GeoPosition

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 32
You are designing a Windows Phone 7 application. The application will provide a button that launches the default camera application when the button is pressed. After a photo is taken, the application will display the captured photo to the user. You need to ensure that after the photo is taken and the application is reactivated, the photo is retrieved. What should you declare in the code? (Each correct answer presents part of the solution. Choose all that apply.)

A. an event handler for the completion of CameraCaptureTask within the constructor of the PhoneApplicationPage class
B. an event handler for the completion of PhotoChooserTask within the constructor of the PhoneApplicationPage class
C. an instance of PhotoChooserTask with a global scope within the PhoneApplicationPage class
D. an instance of CameraCaptureTask with a global scope within the PhoneApplicationPage class
E. an event handler for the completion of CameraCaptureTask within the event handler of the Click event of the button
F. an instance of CameraCaptureTask at the end of the constructor of the PhoneApplicationPage class

Correct Answer: AD
Explanation

Explanation/Reference:
Explanation:

QUESTION 33
You are designing a Windows Phone 7 application that contains a Pivot page. The Pivot page contains the following code.

```
protected override void OnNavigatedTo(System.Windows.Navigation.NavigationEventArgs e)
{
  int index = Convert.ToInt32(NavigationContext.QueryString["index"]);
  pivot1.SelectedIndex = index;
  base.OnNavigatedTo(e);
}
```

You need to ensure that navigation between the main page and the Pivot page works without runtime errors. Which code segment should you recommend for the

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main page?

A. NavigationService.Navigate(new Uri("/PivotPage1.xaml?index=0", UriKind.Relative));
B. NavigationService.Navigate(new Uri("/PivotPage1.xaml?index=0", UriKind.Absolute));
C. NavigationContext.QueryString.Add("index", "0");NavigationService.Navigate(new Uri("/PivotPage1.xaml", UriKind.RelativeOrAbsolute));
D. NavigationContext.QueryString.Add("index", "0");NavigationService.Navigate(new Uri("/PivotPage1.xaml", UriKind.Relative));

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 34
You are designing a Windows Phone 7 application. You need to recommend a way to track the movement of a users gestures while the gesture is occurring. Which routed event should you recommend?

A. ManipulationStarted
B. ManipulationCompleted
C. ManipulationDelta
D. MouseMove

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 35
You are designing a Windows Phone 7 application. You need to allow the application to detect a users gestures on the phone screen. What should you recommend?

A. Call the TouchPanel.ReadGesture() method.
B. Call the TouchPanel.GetCapabilities() method.
C. Use the TouchPanel.EnabledGestures property.
D. Use the TouchPanel.IsGestureAvailable property.

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 36
You are designing a Windows Phone 7 application. The application must notify users of their location. You need to recommend a way to maximize the battery life in the phone while providing location information. What should you recommend?

A. Instantiate a new instance of the GeoCoordinateWatcher class with the DesiredAccuracy value of Default.
B. Instantiate a new GeoCoordinate object and set the HorizontalAccuracy property to 1.
C. Instantiate a new GeoCoordinate object and set the VerticalAccuracy property to 1.
D. Instantiate a new instance of the GeoCoordinateWatcher class with the DesiredAccuracy value of High.

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 37
You are designing a Windows Phone 7 application. You need to recommend the class and property to use to ensure that a device can handle three touches simultaneously. What should you recommend?

A. TouchPanelCapabilities.MaximumTouchCount
B. GestureSample.GestureType
C. TouchCollection.Count
D. TouchLocation.State

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 38
You are designing a Windows Phone 7 application. A beta tester has changed the theme on the phone and now cannot see the text on the pages in the application. You need to recommend modifications so that the text in the application is always visible. Which actions should you recommend? (Each correct answer presents a complete solution. Choose all that apply.)

A. Set the Opacity property on all application pages to 1.0.
B. Set the FontWeight property on all application controls to Bold.
C. Update the Style property on all pages in the application.
D. Set the Foreground property on all application controls to White.
E. Override the theme in the application ThemeResources.xaml file.

Correct Answer: CE
Explanation

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Explanation/Reference:
Explanation:

QUESTION 39
You are designing a Windows Phone 7 application that allows text entry. As a user types, the application must provide automatic text suggestions to complete the entry. You need to recommend a way to provide users with text suggestions. Which input scope should you recommend? (Each correct answer presents a complete solution. Choose all that apply.)

A. Chat
B. Url
C. Default
D. Text
E. Number

Correct Answer: AD
Explanation

Explanation/Reference:
Explanation:

QUESTION 40
You are designing a Windows Phone 7 application. You need to display the keyboard layout in the application so users can use special keys to enter website addresses efficiently. Which input scope should you recommend?

A. FullFilePath
B. LogOnName
C. Url
D. FileName

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 41
You are designing a Windows Phone 7 application that uses an MVVM pattern. You need to recommend the layer of the MVVM pattern where the application developer should unit test the client- side logic in the application. What should you recommend?

A. view model
B. view
C. model
D. presenter

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 42
You are designing a Windows Phone 7 application that already includes an ApplicationBar object for navigation. The application design requires a new button to provide navigation to a new page within the application. You need to modify the application logic to meet the new requirements. Which actions should you perform?

A. Create a new ApplicationBarMenuItem object. Create a new EventHandler for the user pressing the button. Then set the IsVisible property of the ApplicationBar object to false.
B. Create a new ApplicationBar object. Create a new EventHandler for the user pressing the button. Then add the ApplicationBarButton object to the ApplicationBar objects Item collection.
C. Create a new ApplicationBarMenuItem object. Create a new EventHandler for the user pressing the button. Then add the ApplicationBarButton object to the ApplicationBar objects Item collection.
D. Create a new ApplicationBarButton object. Create a new EventHandler for the user pressing the button. Then add the ApplicationBarButton object to the ApplicationBar objects Item collection.

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 43
You are designing a Windows Phone 7 application. You need to recommend ways that users can enter emoticons for a field in the application. Which input scope should you recommend for the field? (Each correct answer presents a complete solution. Choose all that apply.)

A. EmailSmtpAddress
B. EmailUserName
C. Chat
D. Number
E. TelephoneNumber
F. Text

Correct Answer: CF
Explanation

Explanation/Reference:
Explanation:

QUESTION 44

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You are designing a Windows Phone 7 application that will contain many different types of UI objects. The UI objects will have similar actions regarding how they respond to user interaction. You need to recommend a way to minimize the effort to create and maintain multiple UI objects with common functionalities. What should you recommend?

A. the same common code copied to each PhoneApplicationPage object
B. data templates for common UI objects that use Microsoft Expression Blend
C. triggers for the common UI objects that use Microsoft Expression Blend
D. behaviors for the common UI objects that use Microsoft Expression Blend

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 45
You are designing a Windows Phone 7 application. You need to ensure that a selected item in a Panorama control matches the selected color of the current device system theme. Which style resource should you recommend?

A. PhoneBorderColor
B. PhoneForegroundColor
C. PhoneAccentColor
D. PhoneBackgroundColor

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 46
You are designing a Windows Phone 7 application. The application will display several logical sections of information that span the display area of the device screen. Users will navigate the sections by selecting menu titles or by swiping to the left and right. To provide a consistent look to the UI, a common background that repositions during navigation is also required. You need to ensure that all UI requirements are met. Which control should you recommend?

A. ApplicationBar
B. Canvas
C. Pivot
D. Panorama

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 47
You are designing a Windows Phone 7 application that allows text entry. As a user types, the application must provide automatic text suggestions to complete the entry. You need to recommend a way to provide users with text suggestions. Which input scope should you recommend? (Each correct answer presents a complete solution. Choose all that apply.)

A. Url
B. Chat
C. Text
D. Default
E. Number

Correct Answer: BC
Explanation

Explanation/Reference:
Explanation:

QUESTION 48
You are designing a Windows Phone 7 application that includes a Pivot control. Multiple text items in the application will be displayed within a new section of the Pivot control. You need to implement application logic that creates and displays the data in a new section of the Pivot control. Which action sequence should you recommend?

A. Add MediaElement controls. Add a StackPanel control. Then modify the Focusable property of each control.
B. Add a PivotItem control. Then modify the Background property of the PivotItem control to be transparent.
C. Add a PanoramaItem control. Then modify the Background property of the PanoramaItem control to be transparent.
D. Add a PivotItem control. Add a StackPanel control. Then add TextBlock controls.

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 49
You are designing a Windows Phone 7 application. You need to ensure that a selected item in a ListBox control matches the selected color of the current device system theme. Which style resource should you recommend?

A. PhoneForegroundColor
B. PhoneBackgroundColor
C. PhoneBorderColor
D. PhoneAccentColor

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Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 50
You are designing a Windows Phone 7 application that implements the MVVM design pattern. The application will work with data that can be stored locally on the device or retrieved remotely from the Internet. You need to recommend an application design that follows the paradigms of the MVVM design pattern. What should you recommend?

A. a view that binds to the view model
B. a view that manages the data directly
C. a view that binds to the data model
D. a view that retrieves the data and populates the data model

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 51
You are designing a Windows Phone 7 application that uses an MVVM pattern. You need to recommend the layer of the MVVM pattern where the application developer should unit test the client- side logic in the application. What should you recommend?

A. view
B. presenter
C. model
D. view model

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 52
You are designing a Windows Phone 7 application. You need to recommend a control that uses an input scope to facilitate user input. Which control should you recommend?

A. Button
B. TextBox
C. TextBlock
D. ListBox

Correct Answer: B
Explanation

Explanation/Reference:
Explanation:

QUESTION 53
You are designing a Windows Phone 7 application. You need to recommend ways that users can enter emoticons for a field in the application. Which input scopes should you recommend for the field?

A. EmailUserName and Number
B. TelephoneNumber and EmailSmtpAddress
C. Text and Chat
D. Number and Chat

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 54
You are designing a Windows Phone 7 application. A beta tester has changed the theme on the phone and now cannot see the text on the pages in the application. You need to recommend modifications so that the text in the application is always visible. Which action should you recommend?

A. Update the Style property on all pages in the application, and then override the theme in the application Styles.xaml file.
B. Set the Opacity property on all application pages to 1.0, and then set the FontWeight property on all application controls to Bold.
C. Update the Style property on all pages in the application, and then set the Foreground property on all application controls to White.
D. Set the Opacity property on all application pages to 1.0, and then set the Foreground property on all application controls to White.

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 55
You are designing a Windows Phone 7 application that supports portrait or landscape orientations. You need to display a video in the application that responds to changes in device orientation. What should you recommend?

A. Set the source of a new MediaElement control to the appropriate audio file. Then add the MediaElement control to the page.

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B. Add a MediaElement control to the page. Then add a PlaneProjection transform and set the RotationX property to 90.
C. Add a MediaElement control to the page. Then add a RotateTransform transform and set the Angle property to 90.
D. Add a MediaElement control to the page. Then set the source of the MediaElement control to the appropriate audio file.

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 56
You are designing a Windows Phone 7 application that requires push notifications. You need to ensure that the application is programmed to receive and handle raw notifications. What should you recommend?

A. Create a notification channel without a fully qualified domain name, register the HttpNotificationReceived event, and then open the channel.
B. Create a notification channel with a fully qualified domain name, register the HttpNotificationReceived event, and then open the channel.
C. Create a notification channel with a fully qualified domain name, register the ChannelUriUpdated event, and then open the channel.
D. Create a notification channel without a fully qualified domain name, register the ChannelUriUpdated event, and then open the channel.

Correct Answer: B
Explanation

Explanation/Reference:
Explanation:

QUESTION 57
You are designing a solution that includes a Windows Phone 7 application and server-based data. The application must alert the user when new data is available on the central server. You need to recommend a strategy that presents notifications on a device whether the application is running or not running. Which notification solution should you recommend?

A. tile notification
B. toast notification
C. raw notification
D. ShellTileSchedule

Correct Answer: B
Explanation

Explanation/Reference:
Explanation:

QUESTION 58
You are designing a Windows Phone 7 application. The application will update its tile through an authenticated Microsoft Push Notification Service by using text from the World Wide Web. You need to ensure that only text from trusted sources is allowed by the operating system. What should you recommend?

A. Create a notification channel without a fully qualified domain name and bind the notification channel by using the BindToShellTile(Collection(Of Uri)) method.
B. Create a notification channel without a fully qualified domain name and bind the notification channel by using the BindToShellTile() method.
C. Create a notification channel with a fully qualified domain name and bind the notification channel by using the BindToShellTile(Collection(Of Uri)) method.
D. Create a notification channel with a fully qualified domain name and bind the notification channel by using the BindToShellTile() method.

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 59
You are designing a Windows Phone 7 application. The title of the application tile must update every hour. The application must complete this update independently and without outside influence. You need to ensure that the title of the application tile is updated every hour. Which class should you recommend?

A. BindToShellTile
B. HttpWebRequest
C. ShellTileSchedule
D. PhoneApplicationService

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 60
You are designing a Windows Phone 7 application that has a Live Tile. You need to ensure that the Live Tile is updated every day until the user unpins it. Which code segment should you recommend?

A. Dim sts As ShellTileSchedule = New ShellTileSchedule()sts.Interval = UpdateInterval.EveryDaysts.MaxUpdateCount = 7sts.Recurrence = UpdateRecurrence.Onetimests.RemoteImageUri = New System.Uri("")sts.Start()
B. Dim sts As ShellTileSchedule = New ShellTileSchedule()sts.Interval = UpdateInterval.EveryDaysts.Recurrence = UpdateRecurrence.Intervalsts.RemoteImageUri = New System.Uri("")sts.Start()
C. Dim sts As ShellTileSchedule = New ShellTileSchedule()sts.Interval = UpdateInterval.EveryDaysts.MaxUpdateCount = 7sts.Recurrence = UpdateRecurrence.Intervalsts.RemoteImageUri = New System.Uri("")sts.StartTime = DateTime.Nowsts.Start()
D. Dim sts As ShellTileSchedule = New ShellTileSchedule()sts.Interval = UpdateInterval.EveryDaysts.Recurrence = UpdateRecurrence.Intervalsts.RemoteImageUri = New System.Uri("")sts.StartTime = DateTime.Now

Correct Answer: B
Explanation

Explanation/Reference:

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Explanation:

QUESTION 61
You are designing a Windows service that will send push notifications to a Windows Phone 7 application. You need to recommend a way for the Microsoft Push Notification Service (MPNS) to delay delivery of the notification. Which HTTP header should you recommend?

A. X-WindowsPhone-Target
B. X-NotificationClass
C. Date
D. X-MessageID

Correct Answer: B
Explanation

Explanation/Reference:
Explanation:

QUESTION 62
You are designing a Windows Phone 7 application that needs to send messages to update the application tile. The Push Notification Service will send more than a thousand messages a day. You need to design the Push Notification Service to deliver all messages. What should you recommend?

A. Set up a ShellTileSchedule object in the application.
B. Set up a regular Push Notification Service on the server.
C. Set up a duplex service contract on the server for pushing messages to the phone.
D. Set up an authenticated Push Notification Service on the server.

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 63
You are designing a Windows Phone 7 application. A user receives a toast notification and responds while the application is running. The application loses some input when the user returns to the application after responding to the toast notification. You need to update the application so it restores user input when the application is resumed, but not when the application is restarted. Which option should you recommend for saving user input?

A. Application.Current.Host.Settings
B. ResourceDictionary
C. ApplicationSettings
D. PhoneApplicationService

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 64
You are designing a Windows Phone 7 application that receives data from a third-party RESTful service. The data is in JSON format. You need to recommend a way to consume the service. What should you recommend?

A. Use the WebClient object.
B. Use the basicHttpBinding of Microsoft Windows Communication Foundation (WCF).
C. Use the WebResponse object.
D. Use the wsHttpBinding of Microsoft Windows Communication Foundation (WCF).

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 65
You are designing a Windows Phone 7 application. You need to ensure that application data is stored locally in the smallest uncompressed format. What should you recommend?

A. binary serialization
B. JSON serialization
C. DataContractSerializer
D. XML serialization

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 66
You are designing a Windows Phone 7 application that depends on having a network connection. The network connection occasionally becomes unavailable. The application must not poll to see if a network connection is available. Application data must be available when the application is closed and reopened. You need to ensure that application data is available when the network connection returns.
What should you recommend?

A. Use the NetworkChange.NetworkAddressChanged event and save the data to isolated storage.
B. Use the NetworkChange.NetworkAddressChanged event and save the data to the PhoneApplicationService.State dictionary.
C. Use the NetworkInterface.GetIsNetworkAvailable method and save the data to isolated storage.
D. Use the NetworkInterface.GetIsNetworkAvailable method and save the data to the PhoneApplicationService.State dictionary.

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Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 67
You are designing a Windows Phone 7 application that uses several pages for the entry of user data. A user can navigate freely among the pages in the application at any time. The user can also perform actions that use a PhotoChooserTask object to select images. You need to recommend a way for the selected images to persist when the user navigates through the application. What should you recommend?

A. Add logic to the Application_Launching and Application_Closing events that retrieve and store page data to IsolatedStorage when the events are executed.
B. Add a button to the page with a Click event that persists the page data to IsolatedStorage when the button is clicked.
C. Add NavigatedTo and NavigatedFrom events that retrieve and store page data by using the State property of the PhoneApplicationService object when the events are executed.
D. Add logic to the Application_Deactivated and Application_Activated events that retrieve and store page data by using the State property of the PhoneApplicationService object when the events are executed.

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 68
A Microsoft Windows Communication Foundation (WCF) service is hosted on a web server. You need to recommend the binding that can be used to access the WCF service from a Windows Phone 7 application. Which binding should you recommend?

A. NetTcpBinding
B. WSHttpBinding
C. BasicHttpBinding
D. WSDualHttpBinding

Correct Answer: C
Explanation

Explanation/Reference:
Explanation:

QUESTION 69
You are designing a Windows Phone 7 application that refreshes data from the network. The application will retrieve data when the phone is active. You need to stop network activity when the screen on the phone is locked. What should you recommend?

A. Handle the Obscured event of the applications root PhoneApplicationFrame object.
B. Set the ApplicationIdleDetectionMode property of the applications PhoneApplicationService object to Disabled.
C. Handle the Unobscured event of the applications root PhoneApplicationFrame object.
D. Handle the Application_Deactivated event of the applications root PhoneApplicationFrame object.

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 70
You are designing a Windows Phone 7 application that receives data from a Microsoft Windows Communication Foundation (WCF) service. A WCF service call fails when a user receives a phone call after the WCF service call begins but before it completes. You need to ensure that the WCF service call succeeds. What should you recommend?

A. Handle the deactivated and activated events and retry the WCF service call if it did not complete.
B. Add a try/catch block around the WCF service call and retry the WCF service call if an exception has been caught.
C. Check the results of the completed event and retry the WCF service call if no data exists.
D. Examine the error property of the completed event and retry the WCF service call if an error occurred.

Correct Answer: A
Explanation

Explanation/Reference:
Explanation:

QUESTION 71
You are designing a Windows Phone 7 application. The application must use a dynamic application key to access a companys web services. You need to recommend a way to help keep the application secure. What should you recommend?

A. Use a custom class in the same assembly as the WebClient object that contains a string property holding the application key.
B. Store the application key in a resource file associated to the application project.
C. Encrypt the application key and store it in the Application.Resources section of the App.xaml.cs file.
D. Create a proxy web service to retrieve the application key.

Correct Answer: D
Explanation

Explanation/Reference:
Explanation:

QUESTION 72
You are designing a Windows Phone 7 application to work with large files that will be stored on a device. The application must be able to use the fastest method available to read and write large files. You need to recommend a data serialization method that ensures the fastest performance for reading and writing data. What

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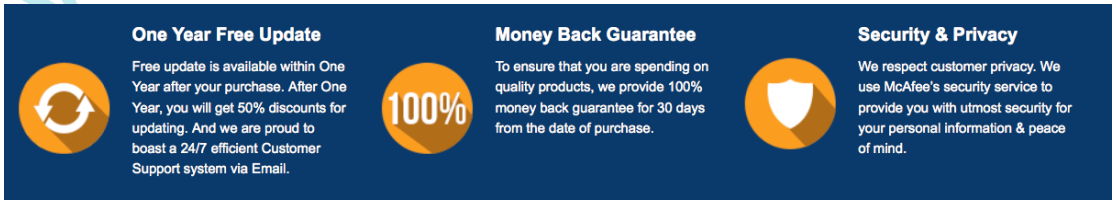

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