Microsoft

70-551-CSharp

UPGRADE-MCAD Skills to MCPD Dvlpr(R) by Using the MS.NET Frmwk

Answer: A,C

QUESTION: 78
You create Web-based client applications. You are creating a page for a Web-based application.You must ensure that the page meets the following requirements:
Uses forms authentication to validate users.
Deploys on a single Web server.
Is highly secure.
Gives higher priority to security than speed.
You need to recommend a configuration setting for your page. Which configuration setting should you choose?

A. <machineKey
validationKey="AutoGenerate"decryptionKey="AutoGenerate"decryption="Auto"
validation="SHA1" />
B. <machineKey validationKey="AutoGenerate "decryptionKey="AutoGenerate
"decryption="Auto"
validation="MD5" />
C. <machineKey
validationKey="AutoGenerate,IsolateApps"decryptionKey="AutoGenerate,
IsolateApps"decryption="Auto" validation="MD5" />
D. <machineKey
validationKey="AutoGenerate,IsolateApps"decryptionKey="AutoGenerate,
IsolateApps"decryption="Auto" validation="SHA1" />

Answer: D

QUESTION: 79
You develop Web-based client applications. You are developing a custom Web control named ShoppingCart. The ShoppingCart control tracks the products in a users shopping cart. The ShoppingCart control contains a read-only property named SubTotal. The pages that use the ShoppingCart control compare the SubTotal property with the users credit limit before attempting to add any new items to the users shopping cart. The ShoppingCart control also contains display properties, such as Font, Color, and DisplayDirections. These properties are not critical to the functionality of the control. You need to establish how to implement the SubTotal property and the display properties in the ShoppingCart control. What should you do?

A. Use the ControlState state to persist the SubTotal property and the ViewState state to persist the display properties.
B. Use the ViewState state to persist the SubTotal property and the ControlState state to persist the display properties.

C. Retrieve the value for the SubTotal property from the database, and persist the display properties by using the ControlState state.
D. Use the ViewState state to persist the SubTotal property, and persist the display properties by using the ViewState.

Answer: A

QUESTION: 80
You create Web-based client applications. You are creating a component named Product. The component will represent data in the products table of a database. The ProductID field is the primary key of the products table. The Product ID is an integer value that is generated by the database. The products table contains two fields named ProductName and CurrentPrice, which do not accept null values. You need to design an interface for the Product class. You also need to ensure that upon instantiation the component will either retrieve an existing product from the database or add a new record to the products table. Which design feature should you choose?

A. The constructor includes a Boolean parameter named CreateNew and an integer parameter named ProductID.
B. The constructor is overloaded such that one version includes a ProductID parameter and another version contains no arguments.
C. The constructor is overloaded such that one version includes a ProductID parameter and another version includes ProductID, ProductName, and CurrentPrice parameters.
D. The constructor is overloaded such that one version includes a ProductID parameter and another version includes ProductName and CurrentPrice parameters.

Answer: D

QUESTION: 81
You create Web-based client applications. You are creating a data access component. Several Web user controls will use the component to populate bound controls from a data source. The data source has end-user inputs. You need to ensure that the data source communicates all relevant information to the Web user controls that call your component. How should you accomplish this goal?

A. When the data access component makes a successful call to the data source, raise and throw an exception to the Web user controls to indicate success.
B. When the data access component makes an unsuccessful call to the data source, raise and throw an exception to the Web user controls to indicate failure.
C. When the data access component makes a successful call to the data source, raise and throw an exception to the Web page to indicate success.

D. When the data access component makes an unsuccessful call to the data source, handle it internally by using the data access component to indicate failure.

Answer: B

QUESTION: 82
You create Web-based client applications. You create a component that displays the category of a product and the product data on a Web page. The data is stored on the Web server in an XML file.The Web page must meet the following requirements:
Display each category of products.
List the name, description, and price of each product in a category.
Prohibit the user from modifying the data.
Load as quickly as possible.
Use the minimum amount of code.
Retrieve the data to display from the XML file.
You need to identify the specific classes of a component that can be used to meet your Web page requirements. Which classes should you choose?

A. a DataBinder class and a DataSet class
B. an XPathBinder class and an XmlDataSource class
C. a DataBinder class and an XmlDataSource class
D. an XPathBinder class and a DataSet class

Answer: B

QUESTION: 83
You develop Web-based client applications. Your team is developing a Web site for Coho Winery to handle order processing. Both sales staff and customers will use the Web site to place orders.You must develop the data component that will be called by the Web-based application such that the Web- based application meets the following criteria:
The application uses separate Web pages for sales staff and customers to place orders.
Sales staff can apply a discount to the order.
Customers cannot apply any discount to the order.
Future changes to the pricing structure can be implemented by using the minimum amount of code. You need to ensure that the data component that you develop meets the outlined criteria. What should you do?

A. Create a CohoWinery class.The CohoWinery class must include a method named PlaceOrder.The PlaceOrder method must include a Boolean parameter named SalesPerson.If SalesPerson is True, a discount must be applied to the order.

B. Create an Order class.The Order class must include two methods named CustomerPlaceOrder and SalesPersonPlaceOrder.The CustomerPlaceOrder method must accept all the parameters that are necessary for a customer to place an order.The SalesPersonPlaceOrder method must accept all the parameters that are necessary for a sales person to place an order, including the Discount parameter.
C. Create a Customer class and a SalesPerson class.Each class must include a method named PlaceOrder. Each method must include all the parameters that are necessary for placing an order.The PlaceOrder method in the SalesPerson class must include a parameter for discount.
D. Create an Order class.The Order class must include an overloaded method named PlaceOrder.One version of the PlaceOrder method must accept a parameter for discount. The parameter for discount must be used to calculate a discount on the order.

Answer: D

QUESTION: 84
You create Web-based client applications. You are creating a Web-based discussion forum. The discussion forum will permit users to post and reply to discussion threads after logging on. You create the authentication mechanisms of your Web site. Microsoft SQL Server 2005 and the Active Directory directory service will continue to be used interchangeably for authentication. You need to provide a method for the users of the discussion forum to register. You also need to maintain the capability to use multiple authentication methods when the users register. Which method should you use?

A. Create a custom component that provides a new user registration form and stores the results in XML that matches a defined schema, which can then be imported into any desired authentication scheme.
B. Create a form that contains standard text boxes for the required user information. Use the post back of the form to pass the information to a custom class that is associated with the selected authentication scheme of the particular Web forum.
C. Create a custom component that consumes the ASP.NET 2.0 Membership Provider Model and create custom Membership Providers.
D. Create a form that contains a CreateUserWizard control and configure Membership Providers.

Answer: D

QUESTION: 85
You create Web-based client applications. You are creating a user-assistance mechanism for a Web form. The Web form serves as a multilevel wizard for clients to set up a new

inventory for items.The user-assistance mechanism must meet the following requirements:
Enable entry-level users to understand every step of the multilevel wizard process.
Ensure that users complete the multilevel wizard on their first try.
You need to select the appropriate user-assistance mechanism to meet the outlined requirements. What should you do?

A. Place a Help link and a hidden label next to each field on each step of the wizard. The label must contain a brief description of the purpose of the field. Click the Help link to make the label visible.
B. Place a Help link at the bottom of each step of the wizard, which opens a Web-based Help document for the entire wizard.
C. Place a description of each step of the wizard on the first page of the wizard, before the user has entered any data.
D. Place text containing user assistance for each step of the wizard at the top of that step.

Answer: D

QUESTION: 86
You create Web-based client applications. You create an application that will be used by customers to browse the product catalog of an Internet-based store and buy products.
The application must meet the following requirements:
Permit registered customers of the store to change display settings and personal information.
Store the updated information and associate the information with the logged-on customer.
You need to choose appropriate technologies to meet these requirements. Which two technologies should you choose? (Each correct answer presents part of the solution. Choose two.)

A. SSL
B. Editor parts
C. Catalog parts
D. User profiles
E. Themes

Answer: D,E

QUESTION: 87
You create Web-based client applications. You are creating a Web control that includes data entry fields. The Web control also includes data validation code. The data validation

code verifies whether the user has entered a valid date and a valid postal code in a text box. You are writing the code within the Web control to handle the invalid data. The Web control must work on as many browsers as possible. You need to design an appropriate feedback technique. What should you do?

A. Throw an exception, and include details about the invalid data in the Message property.
B. Throw an exception, and include details about the invalid data in the InnerException property.
C. Use a pop-up error message to inform the user that the data is not valid.
D. Display text to indicate why the data is not valid.

Answer: D

QUESTION: 88
You create Web-based client applications. You are creating an ASP.NET intranet site. The site permits individual departments to post content without involving the Central Information Technology resources. The site also permits Central Information Technology to maintain control over the intranet as a whole. Each department wants complete control over the appearance and behavior of their departmental content. However, Information Technology directives require every page on the intranet to maintain a consistent appearance and behavior. You need to develop the Web page on the intranet site so that it meets the requirements. What should you do?

A. Create a single ASP.NET master page and individual department master pages. The pages must refer to the master page. Permit each department to modify its master page as desired as long as it references the company master page.
B. Create a set of common .aspx files that contain the common style sheets and the header, navigation bar, and footer content that are to be referenced from departmental home pages by using ASP.NET #include directives.
C. Create a base class that inherits from System.Web.UI.Page and design this page to control the common user interface elements.
D. Create the home pages for all departments as ASP.NET server controls. Reference each control from the main project and load the appropriate server control when a departments home page is loaded.

Answer: A

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