Vendor: Microsoft

Exam Code: 70-486

Exam Name: Developing ASP.NET MVC 4 Web Applications

Version: DEMO

QUESTION 1
Drag and Drop Question
You are developing an ASP.NET MVC application that takes customer orders.
Orders are restricted to customers with IP addresses based in the United States.
You need to implement a custom route handler.
How should you implement the route handler?
(To answer, drag the appropriate line of code to the correct location or locations. Each line of code 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.)

Answer:

Explanation:
http://msdn.microsoft.com/en-us/library/system.web.routing.iroutehandler.gethttphandler.aspx

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QUESTION 2
You are designing an HTML5 website.
You need to design the interface to make the content of the web page viewable in all types of browsers, including voice recognition software, screen readers, and reading pens.
What should you do?
(Each correct answer presents a complete solution. Choose all that apply.)

A. Annotate HTML5 content elements with Accessible Rich Internet Application (ARIA) attributes.
B. Convert HTML forms to XForms.
C. Ensure that HTML5 content elements have valid and descriptive names.
D. Use HTML5 semantic markup elements to enhance the pages.
E. Use Resource Description Framework (RDF) to describe content elements throughout the entire page.

Answer: AD

QUESTION 3
You are developing an ASP.NET MVC application in Visual Studio 2012. The application supports multiple cultures. The application contains three resource files in the Resources directory:

```
- My Dictionary.resx
- MyDictionary.es.resx
- MyDictionary.fr.resx
```

Each file contains a public resource named Title with localized translation. The application is configured to set the culture based on the client browser settings. The application contains a controller with the action defined in the following code segment. (Line numbers are included for reference only.)

```
01 public ActionResult GetProducts()
02 {
03
04    List<ProductModel> products = DataBase.DBAccess.GetProducts();
05    return View(products);
06 }
```

You need to set ViewBag.Title to the localized title contained in the resource files.
Which code segment should you add to the action at line 03?

A. ViewBag.Title = HttpContext.GetGlobalResourceObuect("MyDictionary", "Title");
B. ViewBag.Title = HttpContext.GetGlobalResourceObject("MyDictionary", "Title",
   new System.Globalization. CultureInfo("en"));
C. ViewBag.Title = Resources.MyDictionary.Title;
D. ViewBag.Title = HttpContext.GetLocalResourceObject("MyDictionary", "Title");

Answer: C

QUESTION 4
You are testing an ASP.NET application. The test plan requires that tests run against the application's business layer.

You need to use the test project template that meets this requirement.
Which template should you use?

A. Web Test Project
B. Load Test Project
C. Unit Test Project
D. Coded Test Project

Answer: C

QUESTION 5
You are authoring unit tests. The unit tests must test code that consumes sealed classes.
You need to create, maintain, and inject dependencies in the unit tests.
Which isolation method should you use?

A. T4 text templates and code generation
B. Stub types
C. Shim types
D. Hard-coded implementation

Answer: C
Explanation:
http://msdn.microsoft.com/en-us/library/hh549176.aspx
Shim types are one of two technologies that the Microsoft Fakes Framework uses to let you
easily isolate components under test from the environment.
Shims divert calls to specific methods to code that you write as part of your test.
Many methods return different results dependent on external conditions, but a shim is under the
control of your test and can return consistent results at every call.
This makes your tests much easier to write.

QUESTION 6
You are developing an ASP.NET MVC application by using Visual Studio 2012.
The application throws and handles exceptions when it runs.
You need to examine the state of the application when exceptions are thrown.
What should you do?

A. From the Debug menu in Visual Studio 2012, select Exceptions.
   Enable the Thrown check box for Common Language Runtime Exceptions.
B. From the DEBUG menu in Visual Studio 2012, select Attach to Process. Select the IIS process.
C. From the Debug menu in Visual Studio 2012, select Exceptions.
   Disable the User-unhandled check box for Common Language Runtime Exceptions.
D. From the TOOLS menu in Visual Studio 2012, click Customize.
   Click the Commands tab and select Debug.

Answer: A

QUESTION 7
You are developing an ASP.NET MVC news aggregation application that will be deployed to
servers on multiple networks. The application must be compatible with multiple browsers.
A user can search the website for news articles.
You must track the page number that the user is viewing in search results.

You need to program the location for storing state information about the user's search.
What should you do?

A. Store search results and page index in Session.
B. Use Application state to store search terms and page index.
C. Use QueryString to store search terms and page index.
D. Store search results and page index in TempData

Answer: C

QUESTION 8
You are developing an ASP.NET MVC web application for viewing a photo album. The application is designed for devices that support changes in orientation, such as tablets and smartphones.
The application displays a grid of photos in portrait mode. When the orientation changes to landscape, each tile in the grid expands to include a description.
The HTML that creates the gallery interface resembles the following markup.
The CSS used to style the tiles in landscape mode is as follows.

```
<ul class="gallery">
  <li>
    <img src="..." />
    <div>Description</div>
  </li>
</ul>
```

The CSS used to style the tiles in portrait mode is as follows.

```
ul.gallery > li {
   width: 100px;
}

ul.gallery > li > div {
   display: none;
}
```

If this CSS is omitted, the existing CSS displays the tiles in landscape mode.
You need to update the portrait mode CSS to apply only to screens with a width less than 500 pixels.
Which code segment should you use?

A. @media resolution(max-width: 500px) { . . . }
B. @media screen(min-width: 0px, max-width: 500px) { . . . }
C. @media screen and (width <= 500px) { . . . }
D. @media screen and (max-width: 500px) { . . . }

Answer: D
Explanation:
http://www.javascriptkit.com/dhtmltutors/cssmediaqueries.shtml

QUESTION 9
You are developing an ASP.NET MVC application. The application must allow users to enter JavaScript in a feedback text box only.
You need to disable request validation. What should you do?

A. Apply and set the CausesClientSideValidation attribute on the text box to FALSE.
B. Apply and set the ValidateInput attribute on the text box to FALSE.
C. Use the HttpRequest.Unvalidated property to read the unvalidated form value.
D. Use the HttpRequest.Form property to read the unvalidated form value.

Answer: C
Explanation:
Provides access to HTTP request values without triggering request validation.
http://msdn.microsoft.com/en-us/library/system.web.httprequest.unvalidated.aspx

QUESTION 10
You are developing an ASP.NET MVC application in Visual Studio 2012. The application supports multiple cultures.
The application contains three resource files in the Resources directory:

- ProductDictionary.resx
- ProductDictionary.es.resx
- ProductDictionary.fr.resx

Each file contains a public resource named Currency with the localized currency symbol. The application is configured to set the culture based on the client browser settings. The application contains a controller with the action defined in the following code segment. (Line numbers are included for reference only.)

```
01 public ActionResult GetProducts()
02 {
03
04    List<ProductModel> products = DataBase.DBAccess.GetProducts();
05    return View(products);
06 }
```

You need to set ViewBag.LocalizedCurrency to the localized currency contained in the resource files. Which code segment should you add to the action at line 03?

A. ViewBag.LocalizedCurrency = Resources.ProductDictionary.Currency;
B. VievBag.LocalizedCurrency = HttpContext.GetGlobalResourceObject("ProductDictionary", "Currency", new System.Globalization.CultureInfo(Men"));
C. VievBag.LocalizedCurrency = HttpContext.GetLocalResourceObject("ProductDictionary", "Currency");
D. ViewBag.LocalizedCurrency = HttpContext.GetGlobalResourceObject("ProductDictionary", "Currency");

Answer: A

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