➢ **Vendor: Microsoft**

➢ **Exam Code: 70-486**

➢ **Exam Name: Developing ASP.NET MVC 4 Web Applications**

➢ **Question 31 -- Question 60**

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QUESTION 31
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You have received instructions to create a new abc.com website, using HTML5.
You have been informed that the interface has to allow for the web page content to be accessible to disabled users.
Which of the following actions should you take?

A. You should consider including the use of File API attributes.
B. You should consider including the use of WebSocket API attributes.
C. You should consider including the use of Accessible Rich Internet Application (ARIA) attributes.
D. You should consider including the use of Geolocation attributes.
E. You should consider including the use of Indexed Database API attributes.

Answer: C

QUESTION 32
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You are making use of Visual Studio 2012 to create a new ASP.NET MVC web application for abc.com.
You want to make sure that the new application has access to content files located on the same IIS instance as the application.
Subsequent to initializing the application, you find that there are problems relating to the application's performance.
Which of the following actions should you take fix the problem?

A. You should consider including the use of WebSocket API attributes.
B. You should consider making use of ASP.NET MVC bundling to join the content files.
C. You should consider including the use of Accessible Rich Internet Application (ARIA) attributes.
D. You should consider making use of ASP.NET MVC bundling to separate the content files.

Answer: B

QUESTION 33

You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC web application for abc.com. The new application allows for users from various countries to access the application based on their respective cultures.

As a result, the application includes various resource files in the Resources directory.

These files include a public resource with localized translation.

You are required to make use of a specific WebViewPage property so that the application sets the user's client browser according to the settings.

Which of the following actions should you take?

A. You should consider making use of the ViewContext property.
B. You should consider making use of the Html property.
C. You should consider making use of the ViewBag property.
D. You should consider making use of the ViewData property.

Answer: C

QUESTION 34

You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.

You have recently developed an ASP.NET application for abc.com. You are planning to assess the new application by running tests that target the application's business layer.

Which of the following actions should you take?

A. You should consider making use of a Windows Forms Control.
B. You should consider making use of a Coded UI Test Project.
C. You should consider making use of a Unit Test Project.
D. You should consider making use of a Web Performance and Load Test Performance Project.

Answer: C

QUESTION 35

You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.

You are in the process of creating unit tests that makes use of sealed classes. You want to make sure that dependencies in the unit tests are suitably created, maintained, and injected.

You want to configure the use of a suitable isolation method.

Which of the following actions should you take?

A. You should consider making use of counterfoil type isolation methods.
B. You should consider making use of remnant type isolation methods.
C. You should consider making use of shim type isolation methods.
D. You should consider making use of stump type isolation methods.

Answer: C

QUESTION 36

You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for abc.com.

Upon initialization of the application, you find that exceptions are thrown and handled.

You are required to find out what the state of the application is at the time of the exception being

thrown. You should consider selecting Exceptions from the DEBUG menu in Visual Studio 2012.
Which of the following actions should you take? (Choose all that apply.)

A. You should also consider selecting the User-unhandled check box for Common Language Runtime Exceptions option.
B. You should also consider selecting the Usehandled check box for Common Language Runtime Exceptions option.
C. You should also consider de-selecting the User-unhandled check box for Common Language Runtime Exceptions option.
D. You should also consider de-selecting the User-unhandled check box for Common Language Runtime Exceptions option.

Answer: C

QUESTION 37
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for abc.com.
abc.com has a web farm that will host the new application.
You have been informed that the application should allow for web server failures to be handled without much fuss. Furthermore, state data should be shared between the farm servers.
You are preparing to persist the application state during the session.
Which of the following actions should you take?

A. You should consider making use of a state server.
B. You should consider making use of a global catalog server.
C. You should consider making use of a file server.
D. You should consider making use of a database server.

Answer: A

QUESTION 38
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for abc.com.
The application will present data that updates on a regular basis.
You have been instructed to make sure that the data is presented in instantaneously.
To achieve this, you are required to remove redundant header data, and reduce latency.
You also have to transfer information via a full-duplex link.
Which of the following actions should you take on the client and the server?

A. You should consider making use of Named Pipes protocol.
B. You should consider making use of Virtual Interface Adapter (VIA) protocol.
C. You should consider making use of WebSockets protocol.
D. You should consider making use of TCP/IP protocol.

Answer: C

QUESTION 39
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You have been tasked with developing a distributed application for abc.com.
The application will be installed on the Windows Azure platform, and should allow for the storage

of an insignificant number of unprotected global data.

You want to configure the use of a server-side state management option that makes use of the NetDataContractSerializer class for session state serialization internally. The option also supports simultaneous access to the same set of session state for multiple readers and a single writer.

Which of the following actions should you take?

A. You should consider making use of Session state.
B. You should consider making use of Windows Azure session state.
C. You should consider making use of Control state.
D. You should consider making use of View state.

Answer: B

QUESTION 40
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for abc.com.
You have configured the application to include pages for Windows Phone 7 users to browse the site.
You have been instructed to make sure that the application is updated to allow Windows Phone 7 users to accurately view the modified files.
You are required to update a specific method.
Which of the following is the method that should be updated?

A. The Application.OnLaunched method.
B. The Application.Start method.
C. The Application.OnFileActivated method.
D. The OnSearchActivated.Start method.

Answer: B

QUESTION 41
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You are making use of Visual Studio 2012 to create a new ASP.NET MVC web application for abc.com.
You have been instructed to make sure that users can only insert JavaScript into a feedback text box.
You want to make sure that HTTP request values can be accessed without triggering request validation.
Which of the following actions should you take?

A. You should consider making use of the HttpRequest.HttpChannelBinding property.
B. You should consider making use of the HttpRequest.QueryString property.
C. You should consider making use of the HttpRequest.Unvalidated property.
D. You should consider making use of the HttpRequest.AnonymousID property.

Answer: C

QUESTION 42
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You are making use of Visual Studio 2012 to create a new ASP.NET MVC web application for

abc.com. abc.com has a web farm that will host the new application.
You are informed that passwords should be saved in the web.config file, and should be encrypted in such a way that it is not readable, or in a format that is easily decodable.
Which of the following actions should you take?

A. You should consider making use of the Aspnet_regiis.exe command-line tool.
B. You should consider making use of the Aspnet_Ipconfig.exe command-line tool.
C. You should consider making use of the Aspnet_Regsvr32.exe command-line tool.
D. You should consider making use of the Aspnet_reg.exe command-line tool.

Answer: A

QUESTION 43
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You are making use of Visual Studio 2012 to create a new ASP.NET MVC web application for abc.com. The application makes use of claims-based authentication for user authentication.
You are instructed to make sure that the application supports the Windows Azure Access Control Service, and makes use of Windows Identity Foundation 4.5.
You need to write the necessary code to apply authentication.
Which of the following actions should you take?

A. You should consider making use of the IClaimsPrincipal interface.
B. You should consider making use of the IClaimsIdentity interface.
C. You should consider making use of the ClaimsAuthorizationManager class.
D. You should consider making use of the ClaimsAuthenticationManager class

Answer: B

QUESTION 44
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for abc.com. You want to make sure that a Microsoft SQL Server database is configured to host membership data.
You are required to configure the use of a membership provider.
Which of the following are membership providers that ships with ASP.NET? (Choose two.)

A. A membership provider that makes use of Microsoft SQL Server as a data source.
B. A membership provider that makes use of Oracle as a data source.
C. A membership provider that makes use of Windows Active Directory.
D. A membership provider that makes use of a user database as a data source.

Answer: AC

QUESTION 45
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You have been tasked with developing a distributed application for abc.com.
The application should allow for the storage of an insignificant number of unprotected global data.
Furthermore, you are informed that modifications to the unprotected global data rarely occur.
Which of the following actions should you take?

A. You should consider making use of View state.
B. You should consider making use of Control state.
C. You should consider making use of Application state.
D. You should consider making use of Windows Azure session state.

Answer: C

QUESTION 46
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for abc.com. You have been instructed to make sure that an ASP.NET membership database is used to authenticate clients.
Which of the following actions should you take?

A. You should consider making use of Digest authentication.
B. You should consider making use of Forms authentication.
C. You should consider making use of Anonymous authentication.
D. You should consider making use of Basic authentication.

Answer: B

QUESTION 47
You are employed as a developer at abc.com. abc.com has a single ActiveDirectory domain, named abc.com.
You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for abc.com. The application is configured to include pages for Windows Phone 7 users. These pages contain the _Layout.WP7.cshtml and Index.WP7.cshtml files.
You are required to make sure that the application suitably presents the files to Windows Phone 7 users.
You therefore need to update the application.
Which of the following actions should you take?

A. You should consider updating the Application_Start method.
B. You should consider updating the Application_OnLaunched method.
C. You should consider updating the Application_OnSearchActivated method.
D. You should consider updating the Application_OnFileActivated method.

Answer: A

QUESTION 48
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for abc.com. You are currently running a training exercise for junior developers.
You are discussing an HttpRequest property that returns the physical file system path that matches the requested URL.
Which of the following is the property being discussed?

A. The HttpRequest.PhysicalPath property.
B. The HttpRequest.Path property.
C. The HttpRequest.PathInfo property.

D. The HttpRequest.PhysicalApplicationPath property.

Answer: A

QUESTION 49
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for abc.com.
You are currently running a training exercise for junior developers. You are discussing an HttpRequest property that Gets or sets the character set of the entity-body.
Which of the following is the property being discussed?

A. The Cookies property.
B. The ContentLength property.
C. The ContentEncoding property.
D. The ContentType property.

Answer: C

QUESTION 50
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for abc.com.
You are currently running a training exercise for junior developers.
You are discussing the UserHostName HttpRequest property.
Which of the following describes the purpose of this property?

A. It returns the raw user agent string of the client browser.
B. It returns the IP host address of the remote client.
C. It returns a sorted string array of client language preferences.
D. It returns the DNS name of the remote client.

Answer: D

QUESTION 51
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for abc.com.
You are currently running a training exercise for junior developers.
You are discussing a SessionState mode that stores session state in memory on the Web server.
Which of the following is the SessionState mode being discussed?

A. The In-process mode.
B. The Off mode.
C. The SQLServer mode.
D. The StateServer mode.
E. The Custom mode.

Answer: A

QUESTION 52
You are employed as a developer at abc.com. abc.com has a single Active Directory domain,

You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for abc.com.
You are currently running a training exercise for junior developers.
You are discussing SessionState modes.
Which of the following is the default SessionState mode?

A. The In-process mode.
B. The Off mode.
C. The SQLServer mode.
D. The StateServer mode.
E. The Custom mode.

Answer: A

QUESTION 53
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for abc.com.
You are currently running a training exercise for junior developers.
You are discussing state management options that allows the storing of data on the server.
You are currently dealing with the option that allows you to store user-specific data.
Which of the following is the option being discussed?

A. Query Strings.
B. Application State.
C. Profile Properties.
D. Session State.
E. View State.

Answer: C

QUESTION 54
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for abc.com.
You are currently running a training exercise for junior developers.
You are discussing the HttpWorkerRequest methods.
You are currently dealing with a method that returns the specified member of the request header.
Which of the following is the method being discussed?

A. GetHttpVersion.
B. GetHttpVerbName.
C. GetHashCode.
D. GePGnownRequestHeaderName.
E. GePGnownResponseHeaderIndex.

Answer: B

QUESTION 55
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for abc.com.

You are currently running a training exercise for junior developers.
You are discussing the HttpWorkerRequest methods.
You are currently dealing with a method that returns all nonstandard HTTP header name-value pairs.
Which of the following is the method being discussed?

A. GetUnknownRequestHeaders.
B. GetUnknownRequestHeader.
C. GePGnownRequestHeaderName.
D. GePGnownResponseHeaderIndex.

Answer: A

QUESTION 56
You are employed as a developer at abc.com. abc.com has a single Active Directory domain, named abc.com.
You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for abc.com.
You are currently running a training exercise for junior developers.
You are discussing a class that converts task-returning asynchronous methods into methods that use the asynchronous programming model used in previous versions of ASP.NET.
Which of the following is the class being discussed?

A. The EventHandlerTaskAsyncHelper class.
B. The HttpServerUtilityBase class.
C. The HttpRuntime class.
D. The HttpResponse class.

Answer: B

QUESTION 57
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 Exceptions.
   Disable the User-unhandled check box for Common Language Runtime Exceptions.
C. Add the following code to the Web.config file of the application:
   <customErrors mode="On"> <error statusCode="500"
   redirect="CustomErrors.html" /></customErrors>
D. Add the following code to the Web.config file of the application:
   <customErrors mode="On" > <error statusCode="404"
   redirect="CustomErrors.html"/> </customErrors>

Answer: A

QUESTION 58
You are developing an ASP.NET MVC web application in Visual Studio 2012. The application requires several thousand content files. All content is hosted on the same IIS instance as the application.
You detect performance issues when the application starts.

You need to resolve the performance issues.
What should you do?

A. Enable compression in IIS.
B. Move the content to a second server.
C. Combine the content files by using ASP.NET MVC bundling.
D. Implement HTTP caching in IIS.

Answer: C

QUESTION 59
Scenario ASP.NET MVC application
Business Requirements
```
- The application stores date, distance, and duration information about
a user's training runs.
- The user can view, insert, edit, and delete records.
- The application must be optimized for accessibility.
- All times must be displayed in the user's local time.
```
The date of the run must be displayed in ViewsRunlogGetLog.cshtml.
The timestamp must not be displayed.
You need to display the date of the run according to the business requirements.
Which code segment should you use?

A. @Html.DisplayFor(model => log.RunDate)
B. @log.RunDate.ToShortDateString()
C. @log.RunDate.ToString()
D. @Html.DisplayFor(model => log.ShortDate)

Answer: B

QUESTION 60
You are developing an ASP.NET MVC web application for viewing a list of contacts. The application is designed for devices that support changes in orientation, such as tablets and smartphones.
The application displays a grid of contact tiles in portrait mode. When the orientation changes to landscape, each tile in the grid expands to include each contact's details.
The HTML that creates the tiled interface resembles the following markup.

```
<ul class="contacts">
  <li>
    <img src="..." />
    <div>Details</div>
  </li>
</ul>
```
The CSS used to style the tiles in landscape mode is as follows.

```
ul.contacts > li {
    width: 150px;
}
```

```
ul.contacts > li > div {
    display: block;
}
```

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

A. @media screen and (width >= 500px) { . . . }
B. @media screen and (min-width: 500px) { . . . }
C. @media screen (min-width: 500px, max-width: 1000px) { . . . }
D. @media resolution (min-width: 500px) { . . . }

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

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