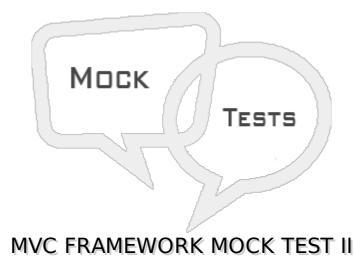
MVC FRAMEWORK MOCK TEST

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This section presents you various set of Mock Tests related to **MVC Framework Framework**. You can download these sample mock tests at your local machine and solve offline at your convenience. Every mock test is supplied with a mock test key to let you verify the final score and grade yourself.



Q 1 - You are creating an ASP.NET MVC web application. The application must accept user input for a ProductName field. To reduce delays due to invalid entries making round trips between the client and server, user input should be validated on the client before being submitted to the server. Which code segment should you choose?

A -

```
@Html.LabelFor(model => model.ProductName)
@Html.EditorFor(model => model.ProductName)
```

B -

```
@Html.LabelFor(model => model.ProductName)
@Html.ValidationMessageFor (model => model.ProductName)
```

C -

```
@Html.EditorFor(model =>
model.ProductName)@Html.ValidationMessageFor(model=>model.ProductName)
```

D -

```
@Html.LabelFor(model => model.ProductName)
```

E - C and A both

F - All of the above

Q 2 - Your team is building an application and you are reviewing the functional specifications. Your team must include a stockticker in the UI that displays the companys stock price every 15 minutes, and include the capability to do partial saves of base objects as users step through a data entry wizard. You want to use the same approach for both requirements to make it easier to add functionality and maintain it going forward. What approach should you use?

- A Use JavaScript to refresh the page every 15 minutes and to manage whether wizard buttons are enabled or disabled.
- B Use AJAX to make asynchronous calls to the server on a timer for the stock price and to automatically save the base objects as the user navigates through the wizard.
- C Use jQuery to refresh the page every 15 minutes and to manage whether wizard buttons are enabled or disabled.
- D Use data validation annotations on the model to ensure that the stock price is validated every 15 minutes and that the client saves the base object information after every wizard step.
- E C and A both
- F All of the above

Q 3 - In which of the following scenarios should you include validation? Chooseallthatapply.

- A You have an online diary with two form fields, a title, and a large subject box. A title is not required, and the subject content is stored in a database column with no maximum size.
- B The web application you maintain has an area that serves as a pass-through to another company's web services. The form contains personal information, such as address and phone number, and is used to set up a profile on the company's retirement partner website. The partner has never given you any instructions as to what is or is not required to be sent to them.
- C Your application is a long wizard that college students use to apply for financial aid. They do not have access to the application until they are already logged on to the system so the application knows who they are. Most students will log on many times to finish the application, so any field might or might not be completed at any time.
- D You are developing a simple form that helps home brewers keep track of their process. The form provides two input fields: Date/time and ph level. The Date/ time box needs to be an ordinary text box because people around the world might enter the date differently, in a way that is meaningful to them. The ph level can be either a numeric value or a text description.
- E C and A both
- F All of the above

Q 4 - You are creating an ASP.NET MVC web application. Within the application, you have created a partial view for contact email and phone number. Which code segment should you use to display the partial view on the main page?

- A @Html.ActionLink " ContactPartial "
- B @Html.Partial " ContactPartial "
- C @RenderPage " ContactPartial "
- D @RenderBody
- E C and A both
- F All of the above

Q 5 - You are creating an ASP.NET MVC web application. The application accepts phone number input through the applications form. When viewing the source from a browser, you find the following code:

What Razor syntax code segment was used? A -<input /> B -@Html.EditorFor(model => model.PhoneNumber) C -@Html.TextBox("phoneNumber", Request["phoneNumber"], new { @ placeholder = "3125551212"}) D -@Html.TextBox("phoneNumber", Request["phoneNumber"], new { size = 10 }) E - C and A both F - All of the above Q 6 - You are modifying an ASP.NET MVC web application and you have created a new master layout page named Layout. Windows Phone. cshtml. You want to use that layout in a new view. Which code segment do you use? E - C and A both F - All of the above Q 7 - You want to support the Internet Explorer, Firefox, and Opera web browsers in your application. Which vendor-specific extensions do you need to include with CSS3 properties? Chooseallthatapply. A - webkit B - ms C - oD - hp E - moz F-B, D and E

Q 8 - What are common methods for detecting the type of browser running on a client? *Chooseallthatapply*.

- A Use JavaScript to guery for the userAgent header.
- B Use the window.addEventListener method.
- C Use the viewport <meta> tag.
- D Use the DisplayMode provider.
- E D and A both

Q 9 - You are creating a different view for each of several different browsers/devices, such as Home.iemobile.cshtml and Home.IPad.cshtml. What is the best way to implement it so your application knows to look for the specific views?

- A Use the viewport <meta> tag.
- B Add a new DisplayModeProvider for each of the special view types you want to support.
- C Put logic into each action to select the appropriate view based on information in the request.
- D You don't have to do anything. The framework automatically handles browser/device detection by reading the new extensions on the views.
- E C and A both
- F All of the above

Q 10 - You are creating an ASP.NET MVC web application, and you decide to create a new layout for mobile devices with relatively small screens. Which @media query should you create or modify to accomplish the task? Chooseallthatapply.

- A @mediamax width: 768px
- B @media max width: 478px and orientation: portrait
- C @media min width: 768px and orientation: portrait
- D @mediamin width: 1200px
- E A and B both
- F All of the above

Q 11 - You are modifying an existing ASP.NET MVC web application to incorporate mobile access. What should you do to ensure that mobile devices view mobile-only pages? *Chooseallthatapply*.

- A Run the Install-Package jQuery. Mobile. MVC command using the Package Manager console.
- B Create a Layout. Mobile.cshtml master layout page.
- C Create additional views with . Mobile, such as Index. Mobile.cshtml.
- D Create additional views with .Mobile, such as Index.Mobile.cshtml as well as a Layout.Mobile.cshtml master layout page.
- E A and D both
- F All of the above

Q 12 - You are modifying an ASP.NET MVC web application for a client. The client requires that the application must be viewable on Android devices in a UI format native to the device. What should you do? *Chooseallthatapply*.

- A Run the Install-Package jQuery.Mobile.MVC command using the Package Manager console.
- B Create a viewport and use @media queries to make styles that are specific for Android.

- C Create corresponding mobile views for the project targeted toward Android.
- D Modify the Web.config file in Shared views in the project to add in support for other browsers.
- E C and B both
- F All of the above
- Q 13 You have been asked by the marketing department to help improve your company's ranking in search engine results. They are particularly concerned about a section of the site that is highly interactive, with extensive mouse-over color, background, and text changes. Without looking at the code, what is the most likely reason for ranking low in search engine results?
- A Unclosed HTML tags
- B Content hidden in JavaScript tags
- C Broken links
- D Excessive number of images
- E C and B both
- F All of the above
- Q 14 You have been asked by a company to evaluate its web application as a user. The company wants you to review the website from outside its network and identify areas that might be problematic. You have been asked to consider SEO and accessibility. Which tools would be helpful for your review? Chooseallthatapply.
- A IIS SEO Toolkit
- B Internet Explorer F12 tools
- C IIS Logging tab
- D Bing Webmaster Toolkit
- E C and A both
- F All of the above
- Q 15 Your company has joined an industry accessibility group and you are a member. As one of your responsibilities, you have been asked to estimate the time it would take to modify your corporate site for accessibility. What should you consider to properly estimate the required time? Chooseallthatapply.
- A The amount of text in the website
- B The level of current usage of HTML helpers in your views
- C The numbers of controllers in the application
- D The complexity of your data entry forms
- E B and D both
- F All of the above

Q 16 - You are globalizing an application and are compiling a list of items that need to be translated. Which items should be included on the list? *Chooseallthatapply*.

- A Images that are used as part of the menu structure
- B The company logo
- C Server error-logging messages
- D Button tooltips
- E A and D both
- F All of the above

Q 17 - You are creating an ASP.NET MVC website and you want to replace a <h2>hello</h2>tag within the view with custom resources you have created. What should you use?

- A <h2> @mvcapp.Resources.Home.Index.Heading </h2>
- D <h2> @mvcapp.Resources.Home.Index.HeadingHello </h2>
- E C and B both
- F All of the above

Q 18 - You are developing an ASP.NET MVC application and you need to create satellite assemblies from resource files. What code should you use?

A -

mage.exe /n: /embed:strings.de-DE.resources MyApp.de-DE.resources.dll

B -

WinRes.exe /t: embed:strings.de-DE.resources /culture:de-DE

C -

Lc.exestrings.de-DE.resourcesMyApp.de-DE.resources.dll

D-

al.exe /t:lib /embed:strings.de-DE.resources /culture:de-DE /out:MyApp.de-DE.
resources.dll

- E C and D both
- F All of the above

Q 19 - You have a set of requirements that expects a particular action to be accessed only through HTTPS by an authenticated user. What is the best way to meet these requirements?

- A Use the Authorize attribute before the RequireHttps filter.
- B Use the RequireHttps attribute before the Authorize filter.
- C Use a custom action filter that combines the check for HTTPS and the check for

authentication into a single filter.

- D Use Authorize alone; you do not need to use RequireHttps separately if you already have Authorize, because using Authorize implies the use of HTTPS.
- E C and D both
- F All of the above
- Q 20 You have written a shareware application and want to sell it on your personal website. You are considering various approaches for distributing the application after users purchase it. Which of the following is the best approach?
- A Use the FileResult action result to initiate the file download.
- B Convert the application to an encoded string and provide it for download through the ContentResult.
- C Create a view or partial view that contains an action link to a route in which the user can download the file.
- D Create an email containing a link to a route from which the user can download the file.
- E C and D both
- F All of the above
- Q 21 You have been tasked with modernizing an application created in ASP 3.0. Part of one of the pages contains HTML that comes as a string from a third-party application as part of a service call that populates part of a form. The same form contains input values for your application. You need to support the same business process as the original application, but you also want to use some MVC features. What is the approach?
- A Create a single model containing information from your local application. Use strongly-typed binding as much as possible and manually match the rest of the fields.
- B Create a single model for the local input fields and the service call input, and use ToValueProvider to map the entire object.
- C Create a single model. Use weakly-typed binding for the form fields, and the HTML provided by the third-party application.
- D Create a model that contains only your fields and strongly bind the fields to the model. Create a second model that maps to the fields in the imported HTML and bind to that model using ToValueProvider.
- E C and C both
- F All of the above
- Q 22 You are developing an ASP.NET MVC application. You have a set of requirements to create a help section for remote users. Your typical help scheme is help/desktop or help/mobile, so logically this section should be help/remote. The change board wants the links in the application to point to the default support site. Which code segment would you use?

A -

```
routes.MapRoute(name: "Default", url: "{controller}/{action}/{id}", defaults: new {
controller = "Home", action = "Index", id = UrlParameter.Optional });
```

```
routes.MapRoute( "remote", "help/remote", new { controller = "support", action =
   "Index" });

C -

routes.MapRoute( "remote", "help", new { controller = "support", action = "Index" });

D -

routes.MapRoute( "remote", "remote/help", new { controller = "support", action =
   "Index" });

E - C and C both
F - All of the above
```

Q 23 - You are developing an ASP.NET MVC application. You noticed a bug on the DVD controller of the application. You want to ignore the DVD pages until the bug is fixed. What should you do?

- E A and C both
- F All of the above
- Q 24 You are the lead developer on a team that has been working on a large website for months, and several controllers are getting unwieldy. You do not have that problem with views and models because most of your communications are through AJAX to display snippets of information on the UI. What changes can best help you solve your problem? Chooseallthatapply.
- A Create partial classes for the controllers that have AJAX functionality to create a set of Controller. Ajax.cs files. Put the AJAX-specific functionality in those files.
- B Create an area called AJAX. Move all controllers, models, and views into the area.
- C Create an area called AJAX. Move the specific AJAX functionality into the Controllers directory and leave the Views and Models directories empty.
- D Create a new ASP.NET MVC 4 application project. Move the AJAX functionality into that so that it will be more responsive.
- E A and C both
- F All of the above
- Q 25 Your application manages the sale of expensive well-drilling equipment. Your IT director wants you to add functionality that sends an email to a customer's sales account manager whenever someone from your client company logs in to the system. What is an appropriate solution?
- A Override the AuthorizeAttribute and apply it to the login action. Run the base method first to handle the authentication and then evaluate the status of the request. If the user is a customer, send the email.
- B Create a custom action filter that is globally defined and overrides the OnActionExecuting method. This action filter evaluates the status of the user and sends the email if it is a customer.

- C Override the AuthorizeAttribute that is applied to the login action, check for the user's authentication status, and determine whether it is a customer prior to sending it to the base authentication method.
- D Create an action filter that overrides the OnActionExecuted method and apply itto the login action. This action filter evaluates the status of the user and sends the email if it is a customer.
- E A and C both
- F All of the above

ANSWER SHEET

Question Number	Answer Key
1	С
2	В
3	F
4	В
5	D
6	В
7	Е
8	Е
9	В
10	Е
11	E
12	С
13	В
14	В
15	Е
16	Е
17	Α
18	D
19	В
20	Α
21	D
22	В
23	В
24	Е
25	D