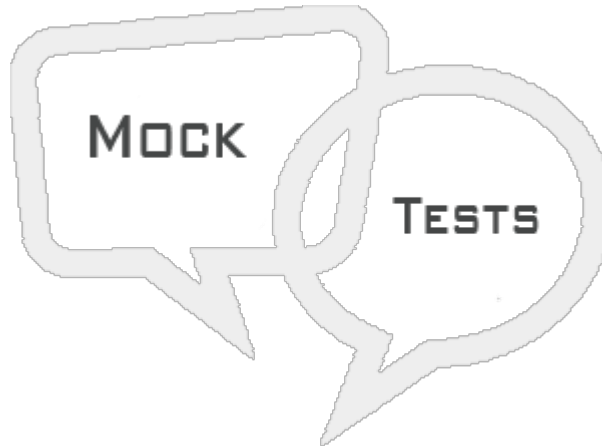


MVC FRAMEWORK MOCK TEST

<http://www.tutorialspoint.com>

Copyright © tutorialspoint.com

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.



MVC FRAMEWORK MOCK TEST I

Q 1 - You are designing an application in which a section of the main page will be populated by content from a third-party provider. You do not have control over the responsiveness of the client or how much information will be returned with each request. The call is to a Restful service and will return the information formatted in Extensible Markup Language XML. What is the best way to implement this application?

- A - Design a model that handles the data call to populate the model. Create a partial view containing only this display area and put an asynchronous service call that returns this model in the partial view controller.
- B - Put a synchronous service call into the main page controller.
- C - Create a partial view containing only this display area and put a synchronous service call in the partial view controller.
- D - Create a partial view containing only this display area and put an asynchronous service call in the partial view controller.
- E - A and D both
- F - All of the above

Q 2 - You have been given requirements for a dashboard page that will contain summary information from your order processing system in a single display table. However, this summarization needs to be done by combining data requests from the order system, the shipping system, and the accounting system. The dashboard page will be the only place you use this combined data. What is the best way to implement this requirement?

- A - Make the various data requests and compile the information in the controller for display.
- B - Create an individual model for each of the data requests, and then create a view- specific model that calls those models and merges the data.
- C - Create a model for the summary data and handle the various data requests within that model as well as the merging of the data.

D - Create an individual model for each of the data requests and then merge the data on the client side for display.

E - C and D both

F - All of the above

Q 3 - A significant change has been requested in an application maintained within your company. The application is a classic ASP application that uses custom Open Database Connectivity ODBC drivers to connect to a relational data repository on a mainframe computer. The CIO decided that the company needs to replace this 30-year-old system. The team that worked on the original project is made up of developers who have never worked with an object-oriented approach before. Which approaches would be the best to use when designing your initial schema in Entity Framework?

Choose all that apply.

A - Create your own custom design because it's too much work to manage an inexperienced staff.

B - Use Code First.

C - Use Model First or Use Database First.

D - None of the Above

E - B and D both

F - All of the above

Q 4 - You are designing an application that allows employees to change their human resources HR information, such as next of kin and direct deposit information. The requirements state that the application should talk directly to the HR systems database. However, at a recent company meeting, the CFO announced that the company will be converting to a new HR system over the next two years. They will take an additional year to move employees to the new system, one department at a time. How will this affect your design?

A - It won't; the requirements state that the application should talk directly to the HR systems' database.

B - You should ensure your naming convention for the database as clearly as possible so you can rework your data calls with minimal changes.

C - You should implement the Repository pattern with the current HR system being the first repository that is built. When the second system comes online, you implement that data access using the same pattern.

D - You should map the model directly to the database calls, anticipating that you will have to change the model as the new system rolls out.

E - B and D both

F - All of the above

Q 5 - You are developing an application. One requirement is that part of your data access layer needs to be available to a third party, that wants to get this information from a REST URL in XML. Your company does not have experience with web services, but you have several websites running ASP.NET MVC 4. How could you design and provide these new services? Choose all that apply.

A - Task an individual on staff to learn WCF, and have this individual develop and deploy these

new services using WCF.

B - Use the Web API to create REST services using ApiController in which the serialization type is defined by the Accepts property of the browser.

C - Build a basic ASP.NET MVC 4 project in which the view simply passes through the information provided by the controller, and the controller manages the code for serializing the response.

D - Create an ASP.NET ASMX services file to get, serialize, and return the data.

E - B,C and D

F - All of the above

Q 6 - How could you traditionally consume an ASMX web service from your application? Choose all that apply.

A - Generate a proxy by selecting Add Reference in Visual Studio.

B - Create an HttpService and connect using Get *URL*.

C - Generate a proxy by selecting Add a Service Reference in Visual Studio.

D - Create a WCF proxy class.

E - B and C both.

F - All of the above

Q 7 - What are examples of hybrid applications using Windows Azure? Choose all that apply.

A - An application where the local network hosts the IIS server while the database is being run from the corporate IT office

B - An application where Windows Azure is used to host the IIS process, and Windows Azure SQL is used to store the data

C - An application where the IIS process is run on a local web server, whereas the data is stored in Windows Azure SQL

D - An application where the web part of the application is run on Windows Azure, whereas the confidential data is stored in the company's network

E - C and D both

F - All of the above

Q 8 - What occurs if an unhandled error is fired on a startup task?

A - The startup role consumes the error during its load; if there is no event handler configured, it is set to Handled as the task completes.

B - The startup is cancelled and the role does not start.

C - The OnStop method automatically runs.

D - The startup task goes to the lowest security setting and continues to run, if possible.

E - C and D both

F - All of the above

Q 9 - AppCmd.exe is an application that helps you work with which objects?

Choose all that apply.

- A - Site
- B - Users
- C - Config
- D - App
- E - A, D and E
- F - All of the above

Q 10 - Which of the following are valid reasons for overriding the Run method?

Choose all that apply.

- A - Creating and starting a messaging service that will work in parallel with the Web role to manage queued messages
- B - Creating an always-running service that periodically makes HTTP calls to other websites to determine their availability
- C - Managing error handling for the application
- D - Starting and supporting a logging application for use by the Worker role
- E - A, B and D
- F - All of the above

Q 11 - You are designing an ASP.NET MVC 4 application that uses an Oracle database for persistence. What session configuration choices enable you to deploy your application on a web farm? Choose all that apply.

- A - InProc
- B - SQLServer
- C - StateServer
- D - Custom session provider
- E - C and D both
- F - All of the above

Q 12 - You are creating an ASP.NET MVC 4 web application that will be accessed by a large number of traditional consumers. If you need to be able to access state information on the client side in JavaScript/jQuery, where can you store it?

Choose all that apply.

- A - LocalStorage
- B - QueryString
- C - ViewState
- D - Cookies

E - B and D both

F - All of the above

Q 13 - As you design a session-less state management system, what do you need to ensure that your application manages? Choose all that apply.

A - Access to the state management system, whether it is a database, a web service, or other type of system

B - The HTTP headers

C - The session setting within the Web.config file

D - An identifier used by the server to identify the request

E - A and D both

F - All of the above

Q 14 - You are designing a work order management application for a mid-size repair company. The application will be used by repair personnel in the field on their laptops with wireless phone connections. The connections are slow, and the laptops are several years out of date. There will never be more than 15 users at any one time, and rarely more than 2 concurrent users. What kind of caching will give the repair personnel a better user experience? Choose all that apply.

A - Page output caching

B - Application caching

C - Data caching

D - HTTP caching

E - B and D both

F - All of the above

Q 15 - You are creating a solution in which the majority of the application is dynamic, but some areas can be cached for a long time. What kind of approach would you take? Choose all that apply.

A - Data caching

B - Donut hole caching

C - Donut caching

D - Windows AppFabric caching

E - B and C both

F - All of the above

Q 16 - You are adding a reporting vertical to an enterprise application. Many of the reports will be run every morning by a set of users. Some of the reports will be identical as every member of a team will get the same report sometime in the morning. What kind of caching will provide an improvement in performance? Choose all that apply.

- A - Data caching
- B - Page output caching with duration of two minutes
- C - Page output caching with duration of four hours
- D - Windows AppFabric caching
- E - A, C and D
- F - All of the above

Q 17 - What is the technique in which the client sends a request to the server, and the server holds the response until it either times out or has information to send to the client is?

- A - HTTP polling
- B - HTTP long polling
- C - WebSockets
- D - HTTP request-response
- E - C and D both
- F - All of the above

Q 18 - You are building an application in which you want to display updated information to a website every 15 minutes. What are efficient ways to manage the update? Choose all that apply.

- A - WebSockets
- B - HTTP polling with 1-minute intervals
- C - HTTP long polling
- D - HTTP polling with 15-minute intervals
- E - A and D both
- F - All of the above

Q 19 - What is the first request sent to start HTTP polling?

- A - HTTP DELETE
- B - HTTP GET
- C - HTTP CONNECT
- D - Upgrade request
- E - B and D both
- F - All of the above

Q 20 - In an HTTP module, can you redirect the request to a different handler than is in the routing table? If so, what event would you handle?

A - Yes and you handle the PostAuthorizeRequest event.

B - No, after the request starts into the process, it either continues through to the mapped handler or throws an error.

C - Yes and you handle the MapRequestHandler event.

D - Yes and you handle the ReleaseRequestState event.

E - A and D both

F - All of the above

Q 21 - When you are creating a custom handler, what is the parameter being passed into the ProcessRequest method?

A - object, EventArgs

B - HttpApplication

C - HttpContext

D - Object

E - A and D both

F - All of the above

Q 22 - What is the best way to intercept every request for an image on your site and ensure that a watermark is added to the image?

A - An HTTP module handling the AuthorizeRequest event

B - A custom HTTP handler set to handle .htm and .html pages

C - A custom HTTP handler configured to serve .png and .jpg files

D - An HTTP module handling the PostRequestHandlerExecute event

E - C and D both

F - All of the above

Q 23 - Layout.cshtml and Site.Master are the two default template pages in ASP.NET MVC. Which of the following scenarios would best be solved using a single layout or master template? Choose all that apply.

A - Your application has a requirement to display a menu section that changes based on the area of the application the user is visiting.

B - Each content area on your page needs a header that displays the company's branded color and contains the first 40 characters of the content area's content followed by an ellipsis.

C - You have created a set of styles, each in a different style sheet. The styles need to be available to every page in the application.

D - Your application has three different default page designs: two rows of information, two columns of information, and three columns of information.

E - A and C both

F - All of the above

Q 24 - You are designing a web application. You want to create a certain look and feel while reusing styles across pages as much as possible. How should you handle styles?

- A - Use only one or two styles throughout your application to simplify maintenance.
- B - Use a specific *unique* style for every element.
- C - Use general styles for common elements and specific styles for elements that are unique.
- D - Use inline styling.
- E - A and C both
- F - All of the above

Q 25 - What are compelling reasons to switch from static web content to dynamic web content? Choose all that apply.

- A - The ability to substitute a new image for the company logo
- B - The ability to display information from a database
- C - The ability to link to other pages outside of your application
- D - The ability to display information pertaining to the current user
- E - B and D both
- F - All of the above

ANSWER SHEET

Question Number	Answer Key
-----------------	------------

1	A
2	B
3	C
4	C
5	E
6	E
7	E
8	B
9	E
10	E
11	E
12	E
13	E
14	E

15	E
16	E
17	B
18	E
19	B
20	C
21	C
22	C
23	E
24	C
25	E

Loading [MathJax]/jax/output/HTML-CSS/jax.js