

**QUESTION BANK**

**MODULE NAME: Developing ASP.NET MVC Web Applications**

**Category - Simple**

**1)** Which of the following options provides several plug-ins that enable you to enhance the UI elements of a view?

☐ a) JavaScript

☒ b) jQuery

☐ c) AJAX

☐ d) IIS

**2)** Which of the following helper methods display the names of model properties?

☐ a) `Html.EditorFor()`

☐ b) `Html.DisplayFor()`

☒ c) `Html.DisplayNameFor()`

☐ d) `Html.LabelFor()`

**3)** EDM stands for \_\_\_\_\_.

☐ a) Enterprise Data Model

☐ b) Electronic Data Model

☒ c) Entity Data Model

☐ d) Entity Database Model

- 4) Which of the following options will you use to specify styles for a group of elements?
- ☐ a) ID selector
  - ☒ b) Class selector
  - ☐ c) Universal selector
  - ☐ d) viewport meta tag
- 5) Which of these files representing the layout you can apply to the views of the application is automatically added in the View/Shared folder when you create an application in Visual Studio 2013?
- ☒ d) `_Layout.cshtml`
  - ☐ b) `_web.cshtml`
  - ☐ c) `packages.config`
  - ☐ `Site.css`

**Category - Average**

- 1) **Select the correct answer with single option:**
- Which of the following code snippets will you use to control the size and scaling of pages of a Web application according to a device screen?
- ☐ a) `<meta name="viewport" content="width=device.width">`
  - ☐ b) `<meta name="viewport" content="width.device-width">`
  - ☐ c) `<@meta name="viewport" content="width=device-width">`
  - ☒ d) `<meta name="viewport" content="width=device-width">`

**2) Select the correct answer with single option:**

Which of the following statements is true regarding layout in an application?

- ☐ a) You can use a layout to apply formatting options to define visual appearance of a Web application on different devices.
- ☒ b) You can specify a layout for either a particular view or for all the views in an application.
- ☐ c) You can use a layout to define a set of formatting options.
- ☐ d) You can use a layout to scale a view so that it can be accessed on any type of devices.

**3) Select the correct answer with multiple options:**

Which of the following statements are true regarding HTTP handler?

- ☒ a) An HTTP handler handles HTTP requests that the route handler receives as a URL.
- ☒ b) An HTTP handler class must implement the `IHttpHandler` interface.
- ☐ c) An HTTP handler class must extend the `HttpHandler` class.
- ☒ d) An HTTP handler class must provide the `ProcessRequest()` method.

**4) Select the correct answer with multiple options:**

Which of the following files of JavaScript library are not responsible for providing data binding capabilities?

- ☒ a) Files with the `vsdoc` word in their name
- ☒ b) Files with the `modernize` word in their name
- ☐ c) Files with the `knockout` word in their name
- ☒ d) Files with the `validation` word in their name

**5) Select the correct answer with single option:**

In which of the following files will you use the `RegisterGlobalFilters()` method to authenticate all the users for an entire application?

- ☐ a) `Web.config`
- ☐ b) `Startup.Auth.cs`
- ☐ c) `IdentityModel.cs`
- ☒ d) `FilterConfig.cs`

**Category – Difficult****1) Select the correct answer with single option:**

Which of the following code correctly uses a combination of roles and users?

- ☐ a) 

```
[@Roles(Roles="Manager", Users="Steave)]  
public class ManagerProduct: Controller  
{  
    // Code to perform some operation  
}
```
- ☐ b) 

```
[Authorize(Roles="Manager", Users="Steave")]  
public class ManagerProduct  
{  
    // Code to perform some operation  
}
```
- ☒ c) 

```
[Authorize(Roles="Manager", Users="Steave")]  
public class ManagerProduct: Controller  
{  
    // Code to perform some operation  
}
```
- ☐ d) 

```
[Authorize(Roles(Manager), Users=(Steave))]  
public class ManagerProduct: Controller  
{  
    // Code to perform some operation  
}
```

**2) Select the correct answer with single option:**

Identify the correct code to retrieve and display the customer names who live in New Jersey in ascending order.

☐ a) `IQueryable<Customer> q = from s in dbContext.customers  
from s.City == "New Jersey"  
where s.Name ascending  
select s;`

☐ b) `IQueryable<Customer> q = from s in dbContext.customers  
where s.City == "New Jersey"  
orderby.Name ascending  
select from s;`

☒ c) `IQueryable<Customer> q = from s in dbContext.customers  
where s.City == "New Jersey"  
orderby s.Name ascending  
select s;`

☐ d) `IQueryable<Customer> q = from s in dbContext.customers  
where s.City == "New Jersey"  
form s.ascending  
select s;`

**3) Select the correct answer with multiple options:**

Which of the following code correctly checks the browser preferred language and accordingly returns a corresponding view?

- ☒ **a)**

```
public ActionResult Index()
{
    if (HttpContext.Request.UserLanguages[0]=="fr-
FR")
        return View("Index.fr-FR");
    else if (HttpContext.Request.UserLanguages[0] == "en-
US")
        return View("Index.en-US");
    else
        return View();
}
```
- ☐ **b)**

```
public ActionResult Index()
{
    if (HttpContext.Request. Languages(0)=="fr-FR")
        return View("Index.fr-FR");
    else if (HttpContext.Request.UserLanguages[0] == "en-
US")
        return View("Index.en-US");
    else
        return View();
}
```
- ☐ **c)**

```
public ActionResult Index()
{
    if (HttpContext.Response.UserLanguages(0=="fr-
FR"))
        return View("Index.fr-FR");
    else if (HttpContext.Request.UserLanguages[0] = "en-
US")
        return View("Index.en-US");
    else
        return View();
}
```

d) `public ActionResult Index()  
    {  
        if (CultureInfo.Request.UserLanguages[0] == "fr-  
FR")  
            return View("Index.fr-FR");  
        else if (CultureInfo.Request.UserLanguages[0] == "en-  
US")  
            return View("Index.en-US");  
        else  
            return View();  
    }`

4) **Select the correct answer with single option:**

What is the functionality of `enableClientBasedCulture` attribute?

- ☒ a) The `enableClientBasedCulture` attribute instructs ASP.NET to set the `UICulture` and `Culture` properties for a Web page, based on the preferred languages set in the browser sending the request.
- ☐ b) The `enableClientBasedCulture` attribute instructs ASP.NET to set the `CultureInfo` property for a Web page, based on the preferred languages set in the browser sending the request.
- ☐ c) The `enableClientBasedCulture` attribute instructs ASP.NET to use the language code of the resource file.
- ☐ d) The `enableClientBasedCulture` attribute instructs ASP.NET to use the country code of the resource file.

**5) Select the correct answer with multiple options:**

Which of the URLs will match the following route constraint?

```
routes.MapRoute(  
    "News",  
    "{controller}/{action}/{id}",  
    new { controller = "News", action = "Browse", id =  
        UrlParameter.Optional },  
    new { id = "(|Politics|Technology)" }  
);
```

- ☒ a) <http://www.mvcexample.com/News/Browse/Politics>
- ☐ b) <http://www.mvcexample.com/Politics/Browse/News>
- ☒ c) <http://www.mvcexample.com/News/Browse/Technology>
- ☒ d) <http://www.mvcexample.com/News>