

1 What is a strongly typed view in ASP.NET MVC?

A view that returns a different type of ActionResult other than ViewResult

A view that does not have a defined model to render.

A view used to render a specific type of model.

A partial view.

2 Can MVC Lifecycle be run without a Model?

TRUE

FALSE

3 What does the View do?

manages presenting information to the user

manages communication between the model and the controller

sends updates to the model directly through user input

manages data manipulation

4 What is the Model?

a representation of the state of data in the program

presents information to the user

a communication bridge between the view and the controller

a representation of the protocol used in web applications

5 What does the Controller do?

communication between the model and the view

manages displaying information to the user

manages representing a problem set in code

communicates only to the view

6 True or False. MVC is used to separate business code from presentation code.

TRUE

FALSE

7 What does MVC stand for?

Model View Controller

Modularized Visible Controller

Mapping View Controller

Model Vector Controller

8 What are the components of MVC? Check all that apply.

Model

View

Controller

Mapper

Container

9 Which of the following are acceptable ActionResult types?

ViewResult

StringResult

JSONResult

EmptyResult

NumberResult

All of the above.

10 Will this code execute in the View?

```
@{  
    <h1>  
    @foreach (var num in @(new int[] { 1, 3, 5, 7, 9 }))  
    {  
        <p> @num </p>  
    }  
    </h1>  
}
```

TRUE

FALSE

- 11 It is possible to add more HTML Helper methods by using extension methods.

TRUE

FALSE

- 12 It is possible to use data annotations for client side validation.

TRUE

FALSE

- 13 It is possible to model bind to a custom object.

TRUE

FALSE

- 14 To use the default layout in a view completely omit the layout initialization.

TRUE

FALSE

15 A Partial View can have a @Layout page reference

TRUE

FALSE

Explanation : A Layout page is like a user-control, i.e.; a page within a page. So, it cannot have an @Layout page reference.

16 Which of the following statements binds a view to a model?

@Model IEnumerable(Myproject.Models.Customer)

@Model Myproject.Models.Customer

@model IEnumerable<Myproject.Models.Customer>

@model (Myproject.Models.Customer)

17 How do you pass data from Controller to View?(Select all that apply)

ViewData

ViewBag

@Model

return ViewBag

18 Which HTML helper should you use to create a menu item?

@HTMLHelper.ActionLink

@HTML.Href

@HTML.Link

@HTML.ActionLink

19 Select the various approaches used by Entity Framework Core? (Select all that apply)

Database First

Service First

LINQ Mapper

Code First

20 How would you render a Partial View? (Select all that apply)

```
@Html.Partial("_SomePartialView");
```

```
@Html.ActionLink("_SomePartialView");
```

```
@{  
    Html.RenderPartial("_SomePartialView");  
}
```

```
@Html.View("_SomePartialView");
```

21 CRUD stands for:

Create, Read, Update, Delete

Create, Retrieve, Update, Derive

Create, Retrieve, Undo, Delete

Control, Read, Undo, Delete

22 What do you use in order to query from your database with LINQ?

DbContext

using

IDisposable

SqlDataAdapter

23 Which method do you use in order to insert a record into the database with LINQ?

.Add()

.Insert()

.New()

.Record()

24 Which method is used to change the state of an object?

.Entry()

.Update()

.SaveChanges()

.State()

25 Which property do you set within the Entry method in order to change the state of an object?

State

Entity

SaveChanges

Delete

26 Which method is used in order to persist changes to the database?

.SaveChanges()

.Insert()

.New()

.ToList()

27 Which property is used if you wish to edit a record in the database?

EntityState.Modified

EntityState.Edit

EntityState.Edited

EntityState.Changed

- 28 Which Package Manager Console command would you use to apply the migration to the database?

Update-Database

Update Database

Migrate-Database

Migrate Database

- 29 Which PMC command would you use to create a migration script (code).

Add Migration <nameHere>

AddMigration

Update-Database

Add-Migration <nameHere>

- 30 What does HTML stand for?

Hyper Text Markup Language

Hyperlinks and Text Markup Language

Home Tool Markup Language

Hyper Tool Markup Language

31 In HTML 5 this tag represents the footer of the element it is embedded in.

`<footer>`

`<foot>`

`<div>`

`<header>`

32 In HTML 5 this tag represents the header of the element it is embedded in.

`<header>`

`<head>`

```
<div>
```

```
<footer>
```

33 Which of these is the proper representation of a document declaration for an HTML 5 document?

```
<!DOCTYPE html>
```

```
<!DOTTYPE html5>
```

```
<!DOCTYPE html version="5">
```

```
<!DOCTYPE html ver="5">
```

34 This tag allows sounds to be represented in a browser native sound playback display.

```
<audio>
```

```
<video>
```

```
<sound>
```

```
<audio playback>
```

35 This tag allows videos to be represented in a browser native video playback display.

<video>

<audio>

<movie>

<video playback>

36 ID and CLASS are examples of HTML

attributes.

elements.

tags.

declarations.

37 How can you make an ordered list?

```
<orderedlist>
```

```
<list type="ordered">
```

```
<li>
```

38 How can you make an unordered list?

```
<ul>
```

```
<unorderedlist>
```

```
<list type="unordered">
```

```
<li>
```

39 What is the correct HTML for making a checkbox?

```
<input type="checkbox">
```

```
<input type="check">
```

```
<checkbox>
```

<check>

40 What is the correct HTML for inserting an image?

<image src="image.gif" alt="MyImage">

image.gif

41 What will be the output of the following HTML code.

```
<p>  
  <strong>Elements</strong> consist of <strong>content</strong> bookended by a <em>start</em> tag and an  
<em>end</em> tag.  
</p>
```

Elements consist of content bookended by a *start* tag and an *end* tag.

Explanation : The element renders the text in bold and the tag renders the text in italics.

Elements consist of *content* bookended by a *start* tag and an *end* tag.

Elements consist of content bookended by a start tag and an end tag.

Elements consist of content bookended by a start tag and an end tag.

42 which tag is used to define CSS inside of an HTML document?

style

head

form

script

43 The ID selector in CSS uses a

(.) symbol

(#) symbol

(*) symbol

(&) symbol

44 Select all h1 elements in CSS

h1{ }

h1.all{ }

all.h1{ }

Not possible

45 How do you select elements with class name "test"? (CSS)

#test{ }

.test{ }

test{ }

test()

46 When using the padding property; are you allowed to use negative values?

When using the padding property; are you allowed to use negative values?

Yes

No

47 Which of the following is/are the valid syntax for CSS pseudo classes.

Which of the following is/are the valid syntax for CSS pseudo classes.

`selector: pseudo-class{property: value}`

`selector.class: pseudo-class{property:value}`

Both A and B

None of the above

48 What does CSS stand for?

Colorful Style Sheets

Creative Style Sheets

Cascading Style Sheets

Computer Style Sheets

49 Which is the correct CSS syntax?

Which is the correct CSS syntax?

`{body:color=black(body)}`

{body;color:black}

body:color=black

body {color: black}

50 Which CSS property controls the text size?

Which CSS property controls the text size?

font-style

font-size

text-style

text-size

51 Which property is used to change the left margin of an element?

margin-left

indent

padding-left

left

52 How do you add a background color for all < header > elements?

```
header {background-color:#FFFFFF;}
```

```
all.header {background-color:#FFFFFF;}
```

```
header.all {background-color:#FFFFFF;}
```

```
h1 {background-color:#FFFFFF;}
```

53 Which is the correct CSS syntax?

```
body {color: black;}
```

```
{body:color=black;}
```

```
{body;color:black;}
```

```
body:color=black;
```