

## MS.NET MCQ's for ASP.NET

1. Which type of Contract is applicable to interface in WCF?
  - A) Operation Contract
  - B) Message Contract
  - C) Data Contract
  - D) Service Contract

Solution: D

2. \_\_\_\_\_ http binding is used for duplex contracts
  - A) basicHttpbinding
  - B) netHttpBinding
  - C) wsHttpBinding
  - D) WSDualHttpBinding

Solution: D

3. Which of the following view file types supported in MVC?
  - A) .cshtml
  - B) .vbhtml
  - C) .aspx
  - D) All of the above

Solution: D

4. What is/are the advantages of Session State?
  - A) It helps to maintain user data to all over the application and can store any kind of object.
  - B) Stores every client data separately.
  - C) Session is secure and transparent from user.
  - D) All of the above

Solution: D

5. Which of the following Layout view method renders the portion of the child view that is not within a named section.
  - A) RenderSection
  - B) RenderBody
  - C) Section
  - D) RenderAction

Solution: B

6. What is the name of default Viewstart Page in ASP.Net MVC?

- A) \_Layout.cshtml
- B) \_ViewStart.cshtml
- C) \_Login.cshtml
- D) None of the above

Solution: B

7. \_\_\_\_\_ is View Engine in Asp.net MVC that allows embed server-based code into web pages using C#

- A) Razor
- B) Partial
- C) Controller
- D) Layout

Solution: A

8. \_\_\_\_\_ in ASP.NET MVC are the classes that are used to render HTML controls in the razor view

- A) HTML Filters
- B) HTML elements
- C) HTML Helpers
- D) HTML Models

Solution: C

9. The Controller class is responsible for the following processing stages:

- A) Locating the appropriate action method to call and validating that it can be called.
- B) Getting the values to use as the action method's arguments.
- C) Handling all errors that might occur during the execution of the action method.
- D) All of the above.

Solution: D

10. To prevent from forgery attacks, ASP.NET MVC uses\_\_\_\_\_ -

- A) Authentication
- B) Request Verification
- C) Request Verification Tokens
- D) CSRF

Solution: C

11. Which of the following namespace provides culture-specific information:

- A) System.Localization
- B) System.Globalization
- C) System.Serialization
- D) System.Culture

Solution: B

12. Which of the following are correct ways to specify the targets for a custom attribute?

- A) By applying AttributeUsageAttribute to the custom attribute's class definition
- B) Once an attribute is declared it applies to all the targets.
- C) By applying UsageAttribute to the custom attributes class definition.
- D) By applying AttributeUsage to the custom attributes class definition.

Solution: A

13. Which of the following is NOT a namespace in .NET framework

- A) System.Data
- B) System.XML
- C) System.Drawing
- D) System.Process

Solution: D

14. Which of the following is NOT a data annotation attribute:

- A) Required
- B) StringLength
- C) RegularExpression
- D) DataValidation

Solution: D

15. Which of the following development approaches are supported in Entity Framework?

- A) Code-First
- B) Database-First
- C) Model-First
- D) All of the above

Solution: D

16. Which of the following ADO.NET object is used to execute SQL commands and stored procedures?
- A) DataSet
  - B) SqlConnection
  - C) SqlCommand
  - D) SqlCommandBuilder

Solution: C

17. \_\_\_\_\_ includes all applications validation logic, business logic and data access logic.
- A) Controller
  - B) Model
  - C) View
  - D) All of the mentioned

Solution: B

18. Which of the following is NOT the controller method that returns ActionResult?
- A) View()
  - B) RedirectToAction()
  - C) Content()
  - D) Result()

Solution: D

19. Which of the following is responsible for mapping request to particular controller?
- A) Mapping
  - B) Routing
  - C) Action
  - D) Sessions

Solution: B

20. SOAP stands for :
- A) Simple Object Acquired Protocol
  - B) Simple Object Attribute Protocol
  - C) Simple Object Authentication Protocol
  - D) Simple Object Access Protocol

Solution: D

21. WCF services can communicate with :
- A) All programming languages
  - B) XML
  - C) Multiple platforms and multiple languages

D) Only languages included in Visual Studio.NET

Solution: C

22. \_\_\_\_\_ is a popular standard that includes set of rules for handling requests and responses including class name, method names and parameters.
- A) XML
  - B) WCF
  - C) WSDL
  - D) SOAP

Solution: D

23. Which of the following statement is TRUE about ViewBag?
- A) It is used to transfer temporary data from controller to View
  - B) Transfers data from controller to view
  - C) ViewBag values will be null if redirection occurs
  - D) All of the above

Solution: D

24. Valid Code for Creating a SqlConnection object would be :
- A) `SqlConnection conn = new SqlConnection ("Data Source=(local);Initial Catalog=Northwind;Integrated Security=SSPI");`
  - B) `SqlConnection conn = new SqlConnection ("Data Source=(local);Initial Catalog=Northwind;Integrated Security=SSPI");`
  - C) `SqlConnection conn = new SqlConnect ("Data Source=(local);Initial Catalog=Northwind;Integrated Security=SSPI");`
  - D) All of the above

Solution: A

25. Which of the following is NOT the part of project structure in ASP.NET MVC projects?
- A) App\_Start
  - B) App\_Data
  - C) Web.Config
  - D) Apps.Config

Solution: C

26. Which of the following is NOT an extension method in ASP.NET MVC?

- A) ValidationSummary()
- B) PostBack()
- C) BeginForm()
- D) ActionLink()

Solution: B

27. Which of the following is NOT a segment of routing?

- A) Object parameter
- B) Controller name
- C) Action method name
- D) Parameter

Solution: A

28. Which class provides culture-specific information in the .NET framework?

- A) CurrentCulture
- B) CultureInfo
- C) CurrentUICulture
- D) CurrentInfo

Solution: B

29. \_\_\_\_\_ is responsible for CSS minification of single or multiple style sheet files.

- A) ScriptMinification
- B) Bundle
- C) Stylesheet
- D) StyleBundle

Solution: D

30. Which of the following files is used for handling application events or methods at server side?

- A) Web.Config
- B) App.Config
- C) Bundle.Config
- D) Global.asax

Solution: D

31. Entity Framework is an open-source \_\_\_\_\_ for .NET applications

- A) MVC framework
- B) ORM framework
- C) WCF framework
- D) Web API framework

Solution: B

32. Which of the following statement is TRUE about Action methods in controller?

- A) They cannot be overloaded
- B) They can have protected access specifier
- C) They can have internal access specifier
- D) Action methods can be static

Solution: A

33. A connection string in ADO.NET contains:

- A. using directive
- B. the name of the data source
- C. the version number of database management system
- D. the list of fields in the database

Solution: B

34. The following namespaces (System.Data.OleDb, System.Data.SqlClient, System.Data.Odbc, System.Data.OracleClient) include classes for different:

- A. Data providers
- B. File streams
- C. ADO.NET applications
- D. Databases

Solution: A

35. ADO.NET is the data access component of Microsoft's .NET framework that enables you to

- A. connect your .NET applications to your company's local area network.
- B. connect your .NET applications to databases.
- C. connect your PC to the Internet.
- D. connect your local area network to the Internet.

Solution: B

36. The Controller class is responsible for the following processing stages:

- A. Locating the appropriate action method to call and validating that it can be called.
- B. Getting the values to use as the action method's arguments.
- C. Handling all errors that might occur during the execution of the action method.
- D. All of the above.

Solution: D

37. What is the benefits of Html.Partial using ASP.Net MVC Razor Engine?

- A) @Html.RenderPartial Returns response, moreover requires to create action.
- B) @Html.RenderPartial Returns string value, it is slower than @Html.RenderPartial, moreover requires not to create action.
- C) None
- D) Both A and B

Solution: B

38. What is RouteConfig.cs in ASP.Net MVC?

- A) RouteConfig.cs is used to register MVC config statements, route config.
- B) RouteConfig.css is used to register global MVC bundles.
- C) None
- D) Both A and B

Solution: A

39. How can you comment using Razor Syntax?

- A) \*@ Comment me \*@
- B) @\* Comment me \*@
- C) @\* Comment me @\*
- D) \*@ Comment me @\*

Solution: B

40. Which of the following ADO.NET provider can be communicator between DataSet and Datasource?

- A. DataTable
- B. DataAdapter
- C. DataView
- D. DataCommand

Solution: B