

DotNet Technology MCQs [set-1]

1. A variable which is declared inside a method is called?

- A. Serial
- B. Local
- C. Private
- D. Static

Answer: B

2. Feature of a local variable?

- A. It can be used anywhere in the program
- B. It must accept a class
- C. It must be declared within a method
- D. It represents a class object

Answer: C

3. Two methods with the same name but with different parameters?

- A. Overloading
- B. Loading
- C. Multiplexing
- D. Duplexing

Answer: A

4. What is the output of the code public class B: A { }?

- A. Errors
- B. It defines a class that inherits the public methods of A only
- C. It defines a class that inherits all the methods of A but the private members cannot be accessed
- D. Both b and c

Answer: C

5. Which of the following statements is correct about Managed Code?

- A. Managed code is the code that is compiled by the JIT compilers.
- B. Managed code is the code where resources are Garbage Collected.
- C. Managed code is the code that runs on top of Windows.

D. Managed code is the code that is written to target the services of the CLR.

Answer: D

6. Which of the following components of the .NET framework provide an extensible set of classes that can be used by any .NET compliant programming language?

A. .NET class libraries

B. Common Language Runtime

C. Common Language Infrastructure

D. Common Type System

Answer: A

7. Which of the following .NET components can be used to remove unused references from the managed heap?

A. Common Language Infrastructure

B. CLR

C. Garbage Collector

D. CTS

Answer: C

8. Which of the following assemblies can be stored in Global Assembly Cache?

A. Private Assemblies

B. Public Assemblies

C. Shared Assemblies

D. Protected Assemblies

Answer: C

9. Code that targets the Common Language Runtime is known as

A. Unmanaged

B. Distributed

C. Native Code

D. Managed Code

Answer: D

10. Which of the following is the root of the .NET type hierarchy?

A. System.Object

B. System.Type

- C. System.Base
- D. System.Root

Answer: A

11. Which of the following are parts of the .NET Framework?

- A. CLR & Framework Class Libraries (FCL)
- B. Mobile Applications
- C. Microsoft Published Web Services
- D. Applications deployed on IIS

Answer: A

12. int keyword targets to which .Net type?

- A. System.Int8
- B. System.Int16
- C. System.Int32
- D. System.Int64

Answer: C

13. How many web.config files that can be there an ASP.NET application?

- A. Only One
- B. Only Two
- C. Upto 10
- D. More than one

Answer: A

14. The RangeValidator control supports the following data types?

- A. Integer only
- B. Date, Integer and String
- C. Only String
- D. Date and Interger

Answer: B

15. How to kill a user session explicitly?

- A. Session.Close()
- B. Session.Discard()
- C. Session.kill()
- D. Session.Abandon()

Answer: D

16. Different ways a method can be overloaded in C#.NET?

- A. Different parameter data types
- B. Different number of parameters
- C. Different order of parameters
- D. All of the Above

Answer: D

17. Can you store multiple data types in System.Array?

- A. No
- B. Yes
- C. Both
- D. None

Answer: A

18. Can you inherit multiple interfaces?

- A. Yes
- B. No
- C. Both
- D. None

Answer: A

19. What are the basic techniques for creating a control?

- A. Inheriting from an existing control
- B. Inherit from User Control
- C. Inherit from Control
- D. All of above

Answer: D

20. All control inherits either directly or indirectly from the base class control?

- A. Yes
- B. No
- C. Both
- D. None

Answer: A

21. Which of the following can't be used in our .NET application?

- A. .Net Assemblies

- B. ActiveX Control
- C. COM type libraries
- D. All of the above can be used

Answer: D

22. Which access modifiers are used in the concept of a property?

- A. Get / set
- B. Try / catch
- C. Finally/throw
- D. None of the above

Answer: A

23. Choose the form in which Postback occurs?

- A. Html
- B. Webforms
- C. Windows
- D. All of above

Answer: B

24. Web.config file is used?

- A. Configures the time that the server-side code behind module is called
- B. To store the global information and variable definitions for the application
- C. To configure the web server
- D. To configure the web browser

Answer: C

25. The first event triggers in an aspx page is?

- A. Page_Init()
- B. Page_Load()
- C. Page_Click()
- D. All of the above

Answer: A

DotNet Technology MCQs [set-2]

26. What is used to validate complex string patterns like an e-mail address?

- A. Required Field Validator
- B. Range Validator
- C. Regular Expression Validator
- D. Custom Validator

Answer: C

27. Which of the following statements is correct about constructors?

- A. If we provide a one-argument constructor then the compiler still provides a zero-argument constructor.
- B. Static constructors can use optional arguments.
- C. Overloaded constructors cannot use optional arguments.
- D. If we do not provide a constructor, then the compiler provides a zeroargument constructor.

Answer: D

28. How many times can a constructor be called during lifetime of the object?

- A. As many times as we call it.
- B. Only once.
- C. Any number of times before the object gets garbage collected.
- D. Any number of times before the object is deleted.

Answer: B

29. A property can be declared inside a class, struct, Interface.

- A. True
- B. False
- C. none
- D. all

Answer: A

30. A property can be declared inside a namespace or a procedure.

- A. True
- B. False

C. none

D. all

Answer: B

31. Which of the following statements is correct about properties used in C#.NET?

A. Every property must have a set accessor and a get accessor.

B. Properties cannot be overloaded.

C. Properties of a class are actually methods that work like data members.

D. A property has to be either read only or a write only.

Answer: C

32. Which of the following is NOT a .NET Exception class?

A. Exception

B. StatckMemoryException

C. DivideByZeroException

D. OutofMemoryException

Answer: B

33. Which of the following statements is correct about an Exception?

A. It occurs during compilation.

B. It occurs during linking.

C. It occurs at run-time.

D. It occurs during loading of the program.

Answer: C

34. In C#.NET if we do not catch the exception thrown at runtime then which of the following will catch it?

A. Compiler

B. CLR

C. Linker

D. Loader

Answer: B

35. Which of the following is the Object Oriented way of handling run-time errors?

A. OnError

B. HERESULT

C. Exceptions

D. Error Codes

Answer: C

36. Exceptions can be thrown even from a constructor, whereas error codes cannot be returned from a constructor.

- A. True
- B. False
- C. none
- D. all

Answer: A

37. All code inside finally block is guaranteed to execute irrespective of whether an exception occurs in the protected block or not.

- A. True
- B. False
- C. none
- D. all

Answer: A

38. It is compulsory for all classes whose objects can be thrown with throw statement to be derived from System.Exception class.

- A. True
- B. False
- C. none
- D. all

Answer: B

39. Which of the following is NOT an Exception?

- A. Stack Overflow
- B. Division By Zero
- C. Insufficient Memory
- D. Incorrect Arithmetic Expression

Answer: D

40. Which of the following is NOT a namespace in the .NET Framework Class Library?

- A. System.Process
- B. System.Security

C. System.Threading

D. System.Drawing

Answer: A

41. Which of the following statements is correct about a namespace in C#.NET?

A. Namespaces help us to control the visibility of the elements present in it.

B. A namespace can contain a class but not another namespace.

C. If not mentioned, then the name 'root' gets assigned to the namespace.

D. It is necessary to use the using statement to be able to use an element of a namespace.

Answer: A

42. Which of the following CANNOT belong to a C#.NET Namespace?

A. Class

B. Struct

C. Enum

D. Data

Answer: D

43. Which of the following statements is correct about a namespace used in C#.NET?

A. Nested namespaces are not allowed.

B. Importing outer namespace imports inner namespace.

C. Nested namespaces are allowed.

D. If nested, the namespaces cannot be split across files.

Answer: C

44. Which of the following denote the web control associated with Table control function of ASP.NET?

A. DataList

B. ListBox

C. TableRow

D. All the above

Answer: C

45. ASP.NET separates the HTML output from program logic using a feature named as

A. Exception

- B. Code-behind
- C. Code-front
- D. None of the above

Answer: B

46. If a developer of ASP.NET defines style information in a common location. Then that location is called as

- A. Master Page
- B. Theme
- C. Customization
- D. None of the above

Answer: B

47. The feature in ASP.NET 2.0 that is used to fire a normal postback to a different page in the application is called

- A. Theme
- B. Cross page posting
- C. Code-front
- D. None of the above

Answer: B

48. The GridView control in ASP.NET has which of the following features

- A. Automatic data binding
- B. Automatic paging
- C. Both A and B
- D. None of the above

Answer: C

49. Which of the following denote page code model in ASP.NET?

- A. Single File
- B. Code Behind
- C. Both A and B
- D. None of the above

Answer: C

50. Which of the following denote New Data-bound Controls used with ASP.NET?

- A. GridView
- B. SqlDataSource

C. FormView

D. All of the above

Answer: D

⇒ Cmd View
↓

Aut ← Data rig
Auto page 1

DotNet Technology MCQs [set-3]

51. A developer wanted to achieve graphics in his display using ASP.NET. Which of the following web controls are available in ASP.NET to achieve the above?

- A. LinkButton
- B. AdRotator
- C. Both A and B
- D. None of the above

→ to give graph

Answer: B

52. In ASP.NET if one wants to maintain session then which of the following is used?

- A. In-Process Storage
- B. Microsoft SQL Server
- C. Session State Service
- D. All of the above

}

Answer: D

53. I have an ASP.NET application. I have a page loaded from server memory. At this instance which of the following methods gets fired

- A. Unload()
- B. Load()
- C. PreRender()
- D. None of the Above

Answer: B

54. Give one word: What model does ASP.NET request processing is based on

- A. Bottom-up
- B. Top-down
- C. Waterfall
- D. Pipeline

Answer: D

55. What is the significance of Server.MapPath

- A. Returns the physical file path that corresponds to virtual specified path
- B. Returns the Virtual Path of the web folder
- C. Maps the specified virtual path to Physical path
- D. None

Answer: A

56. Which method displays the custom control?

- A. The PreRender
- B. Render
- C. Page_Load
- D. Display

Answer: B

57. When is the user controls code is executed

- A. After the webform loads
- B. After the page_init event of webform
- C. Before Page_init event of web form
- D. None of the above

webform load
how to have
user controls
code

Answer: A

58. What section of the Web.config file is used for storing a list of authorized users?

- A. Authorization
- B. Authentication
- C. SecurityPolicy
- D. None

Answer: A

59. The .NET Framework provides a runtime environment called

- A. RMT
- B. CLR
- C. CTS
- D. RCT

Answer: B

60. The .NET framework which provides automatic memory management using a technique called

- A. Serialization
- B. Garbage Collection
- C. Assemblies
- D. Overriding

Answer: B

61. Which of the following can be used to add alternating color scheme in a Repeater control?

- A. AlternatingItemTemplate
- B. DataSource
- C. ColorValidator
- D. None of the above

Answer: A

62. Which of the following method is used to obtain details about information types of assembly?

- A. GetTypes
- B. GetType
- C. Both A and B
- D. None of the Above

Answer: C

63. In ASP.NET the sessions can be dumped by using

- A. Session.Dump
- B. Session.Abandon
- C. Session.Exit
- D. None of the above

Answer: B

64. Which method do you invoke on the DataAdapter control to load your generated dataset with data?

- A. Load()
- B. Fill()
- C. DataList
- D. DataBind

Answer: B

65. How many classes can a single .NET DLL contain?

- A. One
- B. Two
- C. None
- D. Many

Answer: D

66. Which of the following denote the property in every validation control?

- A. ControlToValidate
- B. Text
- C. Both A and B
- D. None of the above

Answer: C

67. The type of code found in Code-Behind class is

- A. Server-side code
- B. Client-side code
- C. Both A and B
- D. None of the above

Answer: A

code-behind

68. Common type system is built into which of the following:

- A. CLR
- B. RCT
- C. RCW
- D. GAC

Answer: A

69. What is Diffgram?

- A. The one which renders the dataset object contents to XML
- B. Finds the difference in two objects
- C. Finds the difference in two files
- D. None of the above

Answer: A

70. What is the lifespan for items stored in ViewState?

- A. Exists for the Life of the current page

B. 20 mins

C. 2 mins

D. 2 sec

Answer: A

Senior Life

71. What data types do a RangeValidator Support?

A. Integer

B. String

C. Date

D. All of the above

Answer: D

72. To set page title dynamically in ASP.NET which of the following is used?

A. None of the above

B. <sheet> section

C. <tail> section

D. <head> section

Answer: D

class

73. In ASP.NET application the Global.asax file lie in which directory

A. Application

B. System

C. Root

D. None of the above

Answer: C

stay in

Root

74. The control used in ASP.NET to display information from data set but with better formatting and editing behavior is

A. Panel

B. Button

C. DataList

D. None of the above

Answer: C

75. How do we Delete, Update, Select data in a Dataset?

A. Using SQLDataAdapter

B. Using SqlDataReader

C. Using SQLComman

D. D None

Answer: A

DotNet Technology MCQs [set-4]

76. What is the size of the session ID?

- A. 32 bit long string
- B. 32 bit long double
- C. 32 bit long character
- D. 32 bit long integer

Answer: D

77. Which of the following extension does a WebService file will have?

- A. .asmx
 - B. .aspx
 - C. .ascx
 - D. .resx
- create web service.
Access by client
use SOAP
return XML
Server side.

Answer: A

78. Which of the following extension does a WebForm file will have?

- A. .asmx
 - B. .aspx
 - C. .ascx
 - D. .resx
- ASPX - web page / form
Client side
HTML

Answer: B

79. What is default timeout of session?

- A. 5
- B. 10
- C. 20
- D. 30

Answer: C

80. Which concept is used to provide consistent layout in webform?

- A. Master Page
- B. Themes
- C. GridView

D. None of the above

Answer: A

81. An alternative way of displaying text on web page using

- A. Asp:label
- B. Asp:listitem
- C. Asp:button
- D. None of the above

Answer: A

82. Why is Global.asax is used?

- A. Declare Global variables
- B. Implement application and session level events
- C. No use
- D. None of the above

Answer: B

83. Which of the following is not a member of ADO DBCommand object?

- A. ExecuteScalar
- B. ExecuteStream
- C. Open
- D. ExecuteReader

Answer: C

84. Default Session data is stored in ASP.Net.

- A. StateServer
- B. Session Object
- C. InProcess
- D. all of the above

Answer: C

85. Which of the following control is used to validate that two fields are equal?

- A. RegularExpressionValidator
- B. CompareValidator
- C. Equals() metho
- D. D RequiredFieldValidator

Answer: B

86. Mode of storing ASP.NET session

- A. InProc
- B. StateServer
- C. SQL Server
- D. All of the above

Answer: D

87. Which of the following denote ways to manage state in an ASP.Net Application?

- A. Session objects
- B. Application objects
- C. ViewState
- D. All of the above

Answer: D

88. In .NET the operation of reading metadata and using its contents is known as _____?

- A. Reflection
- B. Enumeration
- C. Binding
- D. Serialization

Answer: A

89. When an .aspx page is requested from the web server, the output will be rendered to browser in following format?

- A. HTML
- B. XML
- C. WML
- D. JSP

Answer: A

90. Select the control which does not have any visible interface.

- A. Datalist
- B. DropDownList
- C. Repeater
- D. DataGrid

Answer: C

91. Which of the following languages are used to write server side scripting in ASP.NET?

- A. C-Sharp
- B. VB
- C. Both C-Sharp and VB
- D. C++

Answer: C

92. By default, ASP.NET store SessionIDs in _____.

- A. Cookies
- B. Cache
- C. Database
- D. Global Variable

Answer: A

93. Which of the following is not an ASP.NET page event?

- A. Init
- B. Load
- C. Import
- D. Disposed

Answer: C

94. What class does the ASP.NET web form class inherit from by default?

- A. System.Web.UI.Page
- B. System.Web.UI.Form
- C. System.Web.GUI.Page
- D. System.Web.Form

Answer: A

95. Master pages are used to provide the code and appearance that are the same for a series of _____.

- A. Content Pages
- B. Base pages
- C. Both A and B
- D. None of the above

Answer: A

96. Menus, TreeView and SiteMapPath controls cannot be styled with CSS

- A. True
- ☒ B. False
- C. none
- D. all

Answer: B

97. Every Server control must have an Id

- ☒ A. True
- ☐ B. False
- C. none
- D. all

Answer: A

98. Application_Start event is available in _____.

- A. Web.config
- B. Local.asax
- ☒ C. Global.asax
- D. None of the above

Answer: C

99. Properties and Indexer are used to access which type of data members?

- ☒ A. Private
- B. Public
- C. Protected
- D. Internal

Answer: A
