

1. When does Garbage collector run?

- ☐ Every one minute
- ☐ When application is running low of memory
- ☒ It runs randomly

2. Which of the following is not JIT compiler type?

- ☐ Pre-JIT
- ☐ ECONO-JIT
- ☐ Normal-JIT
- ☒ Abnormal-JIT

4. Which of the following is not a .NET compatible language?

- ☐ C#
- ☐ J#
- ☐ VB.NET
- ☒ Java

5. Limitation of XML serialization

- ☒ It doesn't serialize type information
- ☐ It can't serialize DataSet objects
- ☐ It can't serialize XmlNode object
- ☐ All of the above

6. Which of the following statment is not correct?

- ☐ CLR is an execution engine of .NET
- ☐ Assembly is a logical unit of deployment
- ☐ CLR executes manage code
- ☒ .Net provides cross language interoperability using code access security

7. Which of the CLR component allows .net application exchange data with COM application?

- ☐ Base class library
- ☒ COM marshaller
- ☐ Class loader
- ☐ Thread support

8. Content of assembly can be viewed using

- ☒ ILDASM.exe
- ☐ ILDASM.dll
- ☐ ILDASM.inc
- ☐ ILDASM.aspx

9. JIT compiler is a part of the runtime execution environment

- ☒ Yes
- ☐ No

10. What is CTS in .NET?

- ☒ Defines rules concerning data types
- ☐ Defines a set of rules for all compilers to generate manage code for .NET
- ☐ Describes a set of features that different languages have in common
- ☐ None of the above

11. Which Types are supported by CTS?

- ☐ Value type
- ☐ Reference types
- ☒ Both

12. Which of the following does the actual .Net code execute?

- ☐ CLS
- ☐ CTS
- ☒ CLR

13. Features of automatic memory management in .Net

- ☐ Allocating memory
- ☐ Releasing memory
- ☐ Implementing finalizers
- ☐ All of the above

14. Which of the following is not the content of the assembly manifest?

- ☐ Version number
- ☐ Strong name
- ☐ Culture
- ☐ Assembly name
- ☐ Assembly source code

15. Which of the following is not true for garbage collection?

- ☐ It manages the reclamation of unused memory
- ☐ It deals with circular references
- ☐ You can be certain when an object will be reclaimed by garbage collector
- ☐ It disposes unreferenced objects

16. Which of the following is not true about .Net structure?

- ☐ structures are value types
- ☐ structures use new keyword upon instantiation
- ☐ structures can have events as member
- ☐ structures are reference types

17. What is strong name?

- ☐ It is similar to GUID in COM
- ☐ It is required when we need to deploy assembly in GAC
- ☐ It helps GAC to differentiate between tow versions
- ☐ All of the above

18. _____ contains information about the assembly and the resources that it depends on

- ☐ MSIL
- ☒ Assembly manifest
- ☐ GAC
- ☐ Type metadata

19. Common language specification(CLS)

- ☐ is an execution engine for all .net application
- ☐ is similar to JVM as in Java
- ☒ defines standard rules for defining .Net compliant languages
- ☐ is a compiler

20. using or Imports statement

- ☐ allows references to members of a namespace without using the fully qualified name
- ☐ use to reference an external library
- ☒ both a and b

21. Which of the following is not true for .NET exception?

- ☐ All exceptions in .NET are derived from Exception base class
- ☒ Exceptions can't be generated programmatically
- ☐ We have system exceptions and application exceptions in .NET

22. Can we control when a destructor is called?

- ☐ Yes
- ☒ No

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- ☒ All of the above

24. What is MSIL?

- ☐ Multi Socket Interface Library
- ☒ Microsoft Intermediate Language
- ☐ Microsoft Interface Language
- ☐ Microsoft Integer Long

25. Which method do you invoke on the SqlDataAdapter object to load your dataset with data?

- ☐ Update
- ☒ Fill
- ☐ Gather
- ☐ Load

26. A class that cannot be inherited is what type of class?

- ☒ Sealed
- ☐ Static
- ☐ Gather
- ☐ Constru

27. Managed methods will be marked as ----- in MSIL code

- ☐ cil
- ☐ dgclr
- ☐ mscorjit
- ☒ none

28. Which of following is correct:

- ☒ `enum Day{Sunday= 01,Monday= 02,Tuesday= 03,Wednesday=04,Thursday= 05,Friday= 06,Saturday=07}`
- ☐ `Day enum{Sunday= 01,Monday= 02,Tuesday= 03,Wednesday=04,Thursday= 05,Friday= 06,Saturday=07}`
- ☐ `Day{Sunday= 01,Monday= 02,Tuesday= 03,Wednesday=04,Thursday= 05,Friday= 06,Saturday=07}`
- ☐ `enumeration Day{Sunday= 01,Monday= 02,Tuesday= 03,Wednesday=04,Thursday= 05,Friday= 06,Saturday=07}`

29. An assembly is

- ☒ A collection of files that appear to the programmer to be a single DLL or EXE.
- ☐ properties of c#
- ☐ events Of c#
- ☐ declarative syntax of Java

30. What is boxing?

- ☐ Encapsulating an object in a value type.
- ☐ Encapsulating a copy of an object in a value type.
- ☐ Encapsulating a value type in an object.
- ☒ Encapsulating a copy of a value type in an object.

31. Which object can help you maintain data across users?

- ☐ Session object
- ☒ Application Object
- ☐ Server Object
- ☐ Response Object

32. Choose the correct one

- ☒ XML serialization serializes the public fields and properties of an object
- ☐ XML serialization serializes the private fields and properties of an object
- ☐ XML serialization serializes only the public methods.
- ☐ None

33. Which SqlCommand execution returns the number of effected records in the table?

- ☒ ExecuteNonQuery
- ☐ ExecuteReader
- ☐ ExecuteXmlReader
- ☐ ExecuteScalar

34. Which of the following is true ?

- ☐ DataTable object contain DataRow and DataColumnn objects
- ☐ DataSet and DataTable can be binary serialized
- ☐ DataSet and DataTable can be XML serialized
- ☒ All of the above

35. Which delegate is required to start a thread with one parameter?

- ☐ ThreadStart
- ☒ ParameterizedThreadStart
- ☐ ThreadStartWithOneParameter
- ☐ None

36. Why should you write the cleanup code in Finally block?

- ☐ Compiler throws an error if you close the connection in try block.
- ☐ Resource cannot be destroyed in catch block.
- ☒ Finally blocks run

37. Can you inherit multiple interfaces?

- ☒ Yes
- ☐ No

38. Two methods with the same name but with different parameters.

- ☒ Overloading
- ☐ Loading
- ☐ Multiplexing
- ☐ Duplexing

39. Sealed Classes cannot be a base class.

- ☒ True
- ☐ False

40. If you want to add an array in ArrayList then which method of ArrayList will be used?

- ☒ AddRange
- ☐ Add
- ☐ AddArray
- ☐ None of the above

41. int keyword targets to which .Net type?

- ☐ System.Int8
- ☐ System.Int16
- ☒ System.Int32
- ☐ System.Int64

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

- ☒ only one
- ☐ only two
- ☐ upto 10
- ☐ one or more

43. What is accessibility modifier "protected internal"?

- ☒ It is available to classes that are within the same assembly or derived from the specified base class.
- ☐ It is available within the class definition
- ☐ It is the most permissive access level
- ☐ It is the least permissive access level

44. What does a strong name contain?

- ☐ assembly name
- ☐ assembly version
- ☐ public key
- ☒ All the above
- ☐ None of these

45. In C# Thread.Sleep(time) measures time in:

- ☐ seconds
- ☒ milliseconds
- ☐ nanoseconds
- ☐ all of the above

46. While updating, which method of the SqlCommand is best to use?

- ☐ ExecuteQuery
- ☐ ExecuteUpdate
- ☒ ExecuteNonQuery
- ☐ ExecuteCommand

47. DataSet supports which type of Architecture?

- ☐ connection - oriented Architecture
- ☒ connection – less Architecture

- ☒ both
- ☐ none

48. Which is the first event of ASP.NET page, when user requests a web page?

- A) PreLoad
- B) Load
- C) **Preinit**
- D) Init

49. If a user wants to create controls at runtime which event should be used to write code?

- A) PreLoad
- B) Load
- C) Init
- D) **PreInit**

50. What is the fully qualified name of the base class of all server controls?

- A) **System.Web.UI.Control**
- B) System.Web.UI
- C) System.Control
- D) All of the above.

51. When should you use HTML server control rather than web server controls?

- A) You are migrating existing, classic ASP pages over to ASP.NET pages.
- B) The control needs to have custom client-side JavaScript attached to the control's events.
- C) The Web page has lots of client-side JavaScript that is referencing the control.
- D) **All of the above.**

52. Which attribute is necessary for HTML control to work as a HTML server control?

- A) **runat="server"**
- B) runat="web-server"
- C) ID="server"

53. Some control, by default, does not cause an automatic PostBack, i.e TextChanged event of TextBox. Which property will you set for automatic postback of these types of controls?

- A) isPostBack="false"
- B) isPostBack="true"
- C) PostBack="true"
- D) **AutoPostBack="true"**

54. What happens in the Init event of a page?

- A) ViewState is loaded on the page.
- B) **Each child control of the page is initialized to its design time values.**
- C) HTML is rendered.
- D) None of the above.

55. To group multiple RadioButton controls together, which property will you set for each RadioButton control in the group?

- A) **Specify the same GroupName for each RadioButton.**
- B) Specify the different GroupName for each RadioButton.
- C) Specify the same GroupID for each RadioButton.
- D) Specify the same ID for each RadioButton.

56. The _____ property affects how the .Net Framework handles dates, currencies, sorting and formatting issues.

CurrentUICulture

CurrentCulture

57. Where do we include the user lists for windows authentication?

- < Credential>
- < authorization>**
- < identity>
- < authentication>

58. Which of the following authentication is best suited for a corporate network?

Windows

Form

User

59. _____ is a property common in every validation control.

ValidationExpression

InitialValue

ValueToCompare

ControlToCompare

ControlToValidate

60. What namespace does the Web page belong in the .NET Framework class hierarchy?

System.Web.Control

System.Web.RootBuilder

System.Web.UserControl

System.Web.UI.Page

61. Name the ASP.NET object that is used to get information about the web servers.

The Application object

The Server object

The Response object

The Request object

62. Which one of the following is used to validate an e-mail address pattern?

Extended expressions

Irregular expressions

Regular expressions

None

63. For separating server-side code from client-side code on a ASP.NET page, what programming model should you use?

Separation model

Code-Behind model

In-Line model

ClientServer model

64. What ASP.NET object encapsulates the state of the client and the browser?

Application Object

Session Object

Response Object

Request Object

65. You need to store state data that is accessible to any user who connects to your Web application. Which object should you use?

Session

Application

Response.Cookies

Response.ViewState

66. Which of the following is a requirement when merging modified data into a DataSet?

A primary key must be defined on the DataTable objects

The DataSet schemas must match in order to merge

The destination DataSet must be empty prior to merging

A DataSet must be merged into the same DataSet that created it.

67. Which Kind Of data we can store in viewstate

Viewstate can store only serilizable object

Viewstate can store anything

Viewstate can store onlys string

None

68. Which of these data source controls do not implement Caching?

LinqDataSource

ObjectDataSource

SqlDataSource

XmlDataSource

69. _____ allows executing ASP.NET application level events and setting application-level variables.

Application object

Global.asax file

Impersonation

Web.config file

70. _____ file apply settings to all ASP.NET applications

web.config

machine.config

global.asax file

application object

71. In case of _____, there is a round trip and hence puts a load on server.

response.redirect

server.transfer

72. Which type of caching is good if the website is fairly static?

Page Fragment caching

Page output caching

73. From which class global.asax file derived?

HTTP Application class

HTTP SessionState class

74. In which mode of storing ASP.NET session, session state is serialized and stored in a separate process.

InProc

StateServer

SQL Server

75. Display validation errors in a central location or display a general validation error description.

CompareValidator

RangeValidator

CustomValidator

ValidationSummary

76. Which namespace provides classes for debugging and tracing application execution?

System.Security

System.Net

System.Diagnostics

System.web.configuration

77. When user request a web page by entering Uniform Resource Locator (URL) then which method /verb/command is used in ASP.NET?

- A) POST
- B) SET
- C) **GET**
- D) All of the above

78. Match the following

- a. Web Form -----i. .ascx
- b. Web User Control-----ii. .asmx
- c. Web Service -----iii. .aspx

- (A) **a-iii, b-i, c-ii**
- (B) a-ii , b-i, c-iii
- (C) a-i, b-ii, c-iii

79. You want to make a configuration setting change that will affect only the current Web application. Which file will you change?

- A) Global.asax
- B) **Web.config in the root of the Web application**
- C) Machine.config
- D) All of the above

80. In ASP.NET application DLL files are stored in which folder?

- A) App_Code
- B) App_Data
- C) **Bin**
- D) App_LocalResources

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

- A) Init
- B) Load
- C) **Import**

D) None of the above.

82. _____ is an extension of ASP.net page file

- A. ☒ .WebForm1
- B. ☐ .asp
- C. ☐ .asax
- D. ☐ .aspx

83. To Enter secured text ,the _____ property of a text box can be set to password

- A. ☐ TextBox1.type
- B. ☐ TextBox1.style
- C. ☐ TextBox1.TextMode
- D. ☐ TextBox1.Mode

84. _____ is the configuration file for your web application

- A. ☐ machine.config
- B. ☐ web.config
- C. ☐ assemblyinfo.cs
- D. ☐ webapplication.vsdico

85. In comparevalidator ,the operator are taken from the _____

- A. ☐ validation datatype
- B. ☐ validationcompareoperator
- C. ☐ validationoperators
- D. ☐ none

86. All web controls are derived from _____ class

- A. ☒ web control
- B. ☐ page
- C. ☐ controls
- D. ☐ none of the above

87. The Following are the minimum requirement to run Asp.net pages

- A. ☐ Java Virtual Machine
- B. ☐ Common Language Runtime
- C. ☒ Windows explorer
- D. ☐ None

88. Postback occurs in which of the following forms

- A. ☐ Winforms
- B. ☐ HTMLForms
- C. ☐ DOTNETForms
- D. ☒ Webforms

89. How do you register a user control?

- A. ☐ Add Tag prefix, Tag name
- B. ☐ Add Source, Tag prefix
- C. ☒ Add Src, Tagprefix, Tagname
- D. ☐ None

90. Why is Global.asax is used

- A. ☒ Implement application and session level events
- B. ☐ Declare Global variables
- C. ☐ No use
- D. ☐ Dont know

91. What is the difference between user control and custom control

- A. ☐ Both can use as drag and drop tool
- B. ☐ Both are same
- C. ☐ Both can use different application
- D. ☒ One Custom Control can be use in different project but not the same with User control

92. Where is the default Session data is stored in ASP.Net

- A. ☒ InProcess
- B. ☐ StateServer
- C. ☐ SQL Server
- D. ☐ All of the above

93. Who can access Session state variables

- A. ☐ All Users of an application
- B. ☒ A Single session
- C. ☐ All users within a single tunnel

D. ☐ None

94. What does Response.End will do?

- A. ☒ It will stop the server process
- B. ☐ It will stop the client process
- C. ☐ None of the above
- D. ☐ None

95. Which control supports paging

- A. ☐ Repeater
- B. ☐ Datagrid
- C. ☒ Both
- D. ☐ None

96. Which of the following is not a member of Response Object?

- A. ☐ Clear
- B. ☐ Write
- C. ☒ Execute
- D. ☐ Flush

97. Which of the following is not a member of ADODBCommand object

- A. ☐ ExecuteReader
- B. ☐ ExecuteScalar
- C. ☒ ExecuteStream
- D. ☐ CommandText

98. How to open more than one datareader at a time

- A. ☐ Use different datareader variable
- B. ☒ Use different datareader and connection variable
- C. ☐ Use Different Connection
- D. ☐ Can not be done

99. Which objects is used to create foreign key between tables?

- A. ☒ DataRelation
- B. ☐ DataRelationship
- C. ☐ DataConstraint
- D. ☐ Datakey

100. Which one of the following namespaces contains the definition for IDbConnection

- A. ☐ System.Data.Interfaces
- B. ☐ System.Data.Common
- C. ☒ System.Data
- D. ☐ System.Data.Connection

101. What is a strong name?

- A. ☐ Public Key
- B. ☐ Private Key
- C. ☒ Combination Of Public, Private key and digital signature
- D. ☐ None

102. What is the purpose of Reflection?

- A. ☒ For Reading metadata at runtime
- B. ☐ For knowing version of assembly
- C. ☐ For finding path of an assembly
- D. ☐ None

103. Which of the following are not a member of Server Object

- A. ☐ Execute
- B. ☐ Transfer
- C. ☒ Open
- D. ☐ HTMLDecode

104. What is the Server.MachineName does

- A. ☒ Gets the Server`s Machine Name
- B. ☐ Gets the Referred Web site name on the server
- C. ☐ Gets the Client Machine Name
- D. ☐ None

105. How do you add ASP.Net 3rd party component

- A. ☐ By add/Remove items in the project menu
- B. ☒ Add reference of dll file and place the code where ever required
- C. ☐ Cannot add third party component to asp.net

D. ☐ None

106. **UDDI stands for _____**

- A. ☒ **Universal Description Discovery and Integration**
- B. ☐ Unique Description Discovery and Integration
- C. ☐ Universal Data Discovery and Integration
- D. ☐ Universal Discovery Data Information

107. **we can create a proxy file for the web service by using _____ tool**

- A. ☐ webservice.exe
- B. ☐ webserviceutil.exe
- C. ☒ **WSDL.exe**
- D. ☐ ILDASM.exe

108. **The custom control page should contain _____ directives**

- A. ☐ @page
- B. ☐ @Register
- C. ☒ **@Control**
- D. ☐ @WebService

109. **The class control is present in _____ namespace**

- A. ☐ System

- B. ☐ System.Web
- C. ☒ System.Web.UI
- D. ☐ System.Web.UI.Controls

110. The authentication type that uses cookies is known as _____ authentication

- A. ☐ windows
- B. ☒ forms
- C. ☐ passport
- D. ☐ none

111. The process of location errors in code is known as _____

- A. ☒ Tracing
- B. ☐ Compiling
- C. ☐ Caching
- D. ☐ Debuging

112. _____ is technique used to increase performance by keeping frequently accessed data in memory

- A. ☐ Tracing
- B. ☒ Caching
- C. ☐ Debuging
- D. ☐ All of the above

113. The _____ method of the _____ object is used to retrieve the data in the form fields submitted by the user

- A. ☐ form,server
- B. ☐ form,response
- C. ☒ form,request
- D. ☐ form,application

114. The Property of the radio button controls restricts the user to select one option from the given set of options

- A. ☒ Group name
- B. ☐ Group id
- C. ☐ id
- D. ☐ text

115. Setting the text box to _____ allow the user to enter many lines of data

- A. ☐ many lines
- B. ☐ more lines
- C. ☒ multi lines
- D. ☐ password

116. **Application_OnBeginrequest** fires when

- A. ☒ fired every time a page request begins
- B. ☐ fired when the first asp.net page in the current application directory is called
- C. ☐ fired every time when newsession begins
- D. ☐ fired when session ends

117. The **ASP.NET HTML** controls exists in the _____ namespace

- A. ☐ system.web
- B. ☐ System.web.UI
- C. ☒ System.web.UI.HTMLcontrols
- D. ☐ System.web.UI.Webcontrols

118. The _____ method of the server object is used by server and acts as an interface between the virtual/relative directories on the web server & the physical directories on the server

- A. ☐ Server.URLEncode()
- B. ☐ Server.MapPath()
- C. ☒ Server.HTMLEncode
- D. ☐ Server.Transfer()

119. Which is the executable unit, which gets created when we build an ASP.Net application?

- A. ☐ .EXE

- B. ☐ .DLL
- C. ☐ .COM
- D. ☐ .ASPX

120. To add a custom control to a Web form we have to register with

- A. ☐ TagPrefix
- B. ☐ Name space of the dll that is referenced
- C. ☐ Assemblyname
- D. ☐ All of the above

121. A web application running on multiple servers is called as

- A. ☐ WebForm
- B. ☐ Webfarm
- C. ☐ Website
- D. ☐ webgarden

122. What is the extension of a web user control file?

- A. ☐ .asmx
- B. ☐ .ascx
- C. ☐ .aspx
- D. ☐ .ashx

123. What is the default session out time

- A. ☐ 20 Sec
- B. ☒ 20 Min
- C. ☐ 1 hr
- D. ☐ Never

124. Which of the following is true ?

- A. ☐ IsPostBack is a method of System.UI.Web.Page class
- B. ☐ IsPostBack is a method of System.Web.UI.Page class
- C. ☒ sPostBack is a readonly property of System.Web.UI.Page class

125. What is the default authentication mode for IIS

- A. ☒ Windows
- B. ☐ Anonymous
- C. ☐ Basic Authentication
- D. ☐ None

126. Which of the following is not a valid state management tool?

- A. ☐ Application State
- B. ☐ Hidden Form Field
- C. ☒ Querystate
- D. ☐ Cookies

127. How do you explicitly kill a user's session?

- A. ☐ Session.Close
- B. ☐ Session.Discard
- C. ☒ Session.Abandon
- D. ☐ Session.End

128. What is the purpose of code behind?

- A. ☐ To separate different sections of a page in to different files
- B. ☐ To merge HTML layout and code in to One file
- C. ☒ To separate HTML Layout and code to different file
- D. ☐ To ignore HTML usage

129. The object used by SQL connection to make Security Demands

- A. ☐ SQLClientAttribute
- B. ☐ SQLPermission
- C. ☐ SQLPermissionClient
- D. ☒ SQLClientPermission

130. What is the Full Form of WSDL

- A. ☐ Web System Description Language
- B. ☐ Web Services Detail Language
- C. ☒ Web Service Description Language
- D. ☐ None

131. 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

132. Which of the following extension does a webservice file will have

- A. ☒ .asmx
- B. ☐ .aspx
- C. ☐ .ascx
- D. ☐ .resx

133. What is a 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

134. Select the output of the statement `< form method=post action="test.aspx" >`

- A. ☐ Transfers all the form data to test.aspx with HTTP headers
- B. ☐ Transfers all the form data to test.aspx with out HTTP headers

- C. ☒ Calls post method on test.aspx
- D. ☐ None of the above

135. Trace output can be sort by specifying _____ attribute of page directive

- A. ☐ Trace
- B. ☒ TraceMode
- C. ☐ OutputBy
- D. ☐ Language

136. Select the correct query that will give only positive numbers. You can refer the given below array.

```
int[] nums = { 1, -2, 3, 0, -4, 5 ,10,20,-3,100,30};
```

A) `var posNumber = from n in nums
where n > 0
select n;`

B) `var posNumber = from n in nums
where n is positive
select n;`

C) `var posNumber = from n in nums
where n is positive Int select n;`

137. An integer array is given as follows

```
int[] nums = { 10, -19, 4, 7, 2, -5, 0,100,50 };
```

Select the correct query to find out the sorted number.

A) `var sortNums = from n in nums orderby n`

- B) `var sortNums = from n in nums
sortedby n
select n;`
- C) `var sortNums = from n in nums
orderby n
select n;`
- D) None of the above.

138. Which namespace is necessary to use LINQ?

- A) System.Data
- B) `System.Linq`
- C) System.Object
- D) None of the above.

139. What are different flavors of LINQ?

- A) LINQ to Objects
- B) LINQ to ADO.NET
- C) LINQ to XML
- D) `All of the above.`

140. Trace the output of given below code.

```
List<int> numbers = new List<int>() { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 };  
IEnumerable<int> query = numbers.Where(num => num > 5 && num < 10);  
foreach (var n in query)  
{  
    Console.Write(n+" ");  
}
```



```
}
```

- A) 6 7 8 9
- B) Compile Time Error
- C) Run Time Error
- D) None of the above.

141. Trace the output of given below code.

```
using System;
class Program
{
    delegate int delDemo(int x, int y);

    static void Main(string[] args)
    {
        delDemo d1 = (x, y) => x * y;
        delDemo d2 = (x, y) => { return x + y; };
        delDemo d3 = delegate(int x, int y) { return x - y; };
        int z1 = d1(10, 5);
        int z2 = d2(10, 5);
        int z3 = d3(10, 5);
        Console.WriteLine(z1);
        Console.WriteLine(z2);
        Console.WriteLine(z3);
    }
}
```

- A) 50 15 5
- B) 10 5
- C) The above program will not compile.
- D) None of the above.

142. According to given below statements, choose the correct option.

Statement 1: An extension method is defined as static method but it is called like as an instance method.

Statement 2: An extension method first parameter is preceded by the "this" keyword.

Statement 3: An extension method is defined as static method and it is not called like as an instance method.

Statement 4: An extension method first parameter does not preceded by the "this" keyword.

- A) Only statement 1 and 2 are correct.
- B) Only statement 2 and 3 are correct.
- C) Statement 3 and 4 are correct.
- D) Only statement 4 is correct.

143. Trace the output of given below code.

```
List<int> data = new List<int> { 10, 20, 30, 40, 50 };  
Console.WriteLine(data.Sum());  
Console.WriteLine(data.Average());  
Console.WriteLine(data.Max());
```

- A) 50 30 150
- B) 150 30 50
- C) 150 50 30
- D) None of the above

144. If a class is using an interface, it must

inherit the properties of the interface
contain the same methods as the interface
create an interface object
all of the above

145. _____ allow to encapsulate discrete units of functionality and provide a graphical representation of that functionality to the user

controls
object

class
graphics

146. Features of Read only variables

It is allocated at compile time
Declaration and initialization is separated
It is allocated at runtime
all of these

147. Convert vs. Parse methods

Convert allows null values, Parse cannot
Convert converts the value, Parse is for parsing
Both are same
None of these

148. The uniqueId that gets generated at the start of the Session is stored in

Client computer as a cookie
Server machine
Passed to and fro on each and every request and response
Both a and b are correct

149. A method is written as follows

```
string DemoFunction(string s)
{
-----
-----}
```

Choose the correct code for delegate declaration to call above function.

- A) **delegate string name_of_delegate (string str);**
- B) string name_of_delegate (string str);
- C) delegate string name_of_delegate (string s, string str);
- D) None of the above.

150.

```
delegate void Test();
class DelegateTest
{
public void function1()
{
Console.WriteLine("Function 1 called");
}

}
```

- A) DelegateTest obj = new DelegateTest();

```
Test delObj=obj.function1;  
delObj();
```

```
B) DelegateTest obj = new DelegateTest();  
Test delObj = new Test (obj.function1);  
delObj();
```

C) Option A and B both are correct.

D) None of the above.