



Unit 1 :Introduction to .Net framework

1. The Execution Of Applications Created By Using Various Programming Languages.

- A. Internet
- B. Windows**
- C. Hardware
- D. Language

Correct Answer:B

2. What Is CLR?

- A. Common language runtime**
- B. Compiler language runtime
- C. Compiler library runtime
- D. Common library runtime

Correct Answer :A

3.Which Is The Following Is Not A Component Of The CLR?

- A. Class loader
- B. Garbage collector
- C. .NET Framework**
- D. JIT Compiler

Correct Answer :C

4. Which Of The Following Provides Automatic Memory Management And Resolves The Issue Of Memory Leaks And Invalid Memory References

- A. Security engine
- B. Garbage collector**
- C. JIT compiler
- D. Debugger

Correct Answer :B



5. What Is CTS?

- A. Common type specification
- B. Common type-safe
- C. Compiler type structure
- D. Common type system**

Correct Answer :D

6.What Is CLS?

- A. Compiler library specification
- B. Common library specification
- C. Compiler language specification
- D. Common language specification**

Correct Answer :D

7.What Is DLL

- A. Dynamic-link language
- B. Direct link language
- C. Dynamic-link library**
- D. Direct link library

Correct Answer :C

8.Which Of The Following Namespace Provides The Classes That Allow You To Debug Your Application Step By Step?

- A. System
- B. System .Diagnostics**
- C. System.Object
- D. System.Security

Correct Answer :B

9. What Is GAC?



- A. Garbage collector
- B. Global assembly collector
- C. Global access cache
- D. **Global assembly cache**

Correct Answer :D

10. What Is COM?

- A. **Component object model**
- B. Common object model
- C. Computer oriented model
- D. Common oriented model

Correct Answer :A

11. A----- is a collection of software libraries/components which provides a defined application programming interface (API)

- A. **Framework**
- B. IDE
- C. Program
- D. Software

Correct Answer :A

12.The ----- is a software development platform which provides a runtime defines functionality in some libraries, and supports a set of programming language.

- A. **Dot net framework**
- B. IDE
- C. Program
- D. software

Correct Answer :A



13. This framework contains a large number of class libraries known as -----.

- A. Framework Class Library (FCL).
- B. CLR
- C. CLS
- D. All of above

Correct Answer :A

14. The software programs written in .NET are executed in the execution environment, which is called -----

- A. CLR (Common Language Runtime)
- B. Dot net framework
- C. IDE
- D. CLS

Correct Answer :A

15. functions of the CLR.

- A. It converts the program into native code.
- B. Handles Exceptions
- C. Provides type-safety
- D. All of above

Correct Answer :D

16. It includes all common datatypes, string values, arrays and methods for data conversion.

- A. System
- B. System.Data
- C. System.Diagnostics
- D. System.Net,

Correct Answer:A



17. These are used to access a database, perform commands on a database and retrieve database.

- A. System
- B. System.Data**
- C. System.Diagnostics
- D. System.Net

Correct Answer B

18. These are used to access, read and write files.

- A. System.IO
- B. System.DirectoryServices
- C. System.IO.IsolatedStorage
- D. All of above**

Correct Answer :D

19. These are used to communicate over the Internet when creating peer-to-peer applications.

- A. System.Net
- B. System.Net.Sockets
- C. Both A and B**
- D. None of these

Correct Answer :C

20. These namespaces are used to create Windows-based applications using Windows user interface components.

- A. System.Windows.Forms
- B. System.Windows.Forms.Design
- C. Both A and B**
- D. None of these



Correct Answer :C

21.NET is a software framework which is designed and developed by

- A. **Microsoft.**
- B. Sun microsystem
- C. IBM
- D. None of above

Correct Answer:A

22. **Framework Class Library(FCL) is Also called the**

- A. **Assemblies**
- B. Packages
- C. header files
- D. None of these

Correct Answer :A

23. when we wanted to remove the unwanted resources from the code which is no longer in use can be done by the -----

- A. **garbage collector.**
- B. Assemblies
- C. FCL
- D. None of these

Correct Answer :A

24. CLR stands for _____

- A. Common Local Runtime
- B. **Common Language Runtime**
- C. Common Language Realtime
- D. Common Local Realtime

Correct Answer :B



25. CLR is responsible for

- A. Garbage Collection
- B. Code Access Security
- C. Code Verification
- D. All of the above

Correct Answer :D

26. GAC stands for

- A. Global Assembly Cache
- B. Global Assembly Store
- C. Garbage Assemble Cache
- D. Global Advanced Cache

Correct Answer :A

27. This is the final layer in .Net which would be used to run a .net program developed in any programming language. So the subsequent compiler will send the program to the CLI layer to run the .Net application.

- A. Common Language Interpreter
- B. Common language Runtime
- C. Common language specification
- D. None of these

Correct Answer :A

28. combines the features of the text box and list box.

- A) Picture box
- B) Check box
- C) **Combo box**
- D) Option button

Correct Answer :C



29. control is used to provide an identifiable grouping for other controls.

- A. Frame
- B. Label
- C. List box
- D. Command button

Correct Answer :A

30. Full name of CLI is-

- A) Common Language Independence
- B) Common Language Intermediate
- C) Common Library Infrastructure
- D) **Common Language Infrastructure**

Correct Answer :D

31. A GUI-

- A) uses buttons, menus, and icons.
- B) should be easy for a user to manipulate
- C) stands for Graphic Use Interaction
- D) **Both a and b.**

Correct Answer :D

32. Visual Studio.NET provides which feature:

- A) debugging
- B) application deployment
- C) syntax checking
- D) **All of the above**

Correct Answer :D



33. What is the full form of IDE?

- A) **Integrated Development Environment**
- B) Integrated Design Environment
- C) Interior Development Environment
- D) Interior Design Environment

Correct Answer :A

34.Which one is not the characteristics of Visual Basic.Net?

- A) User Interface Design
- B) Rapid Application Development
- C) Object Oriented Programming
- D) **Designer window**

Correct Answer :D

35. _____ is not the core part of Visual Studio IDE.

- A) Solution Explorer
- B) Tool box
- C) **Start Menu**
- D) Designer Window

Correct Answer :C

36. How many steps are used to develop any software in IDE?

- A) 4
- B) 5
- C) **6**
- D) 3



Correct Answer :C

37. Which one is not the property of Common Control Class?

- A) Show
- B) Back Color
- C) Font
- D) Fore Color

Correct Answer :A

38. The Tick event is found only in which object?

- A)Form
- B) Button
- C) Text Box
- D) Timer

Correct Answer :D

39. How many types of Projects in .Net?

- A) 4
- B) 5
- C) 6
- D) 7

Correct Answer :D

40. In event-driven programming an event is generated by:

- A) the system.



- B) a user's action
- C) the program itself.
- D) All of the above.**

Correct Answer :D

41.To use the .NET Framework Data Provider for SQL Server, an application must reference the _____ namespace.

- a) System.Data.Client
- b) System.Data.SqlClient
- c) System.Data.Sql
- d) None of the mentioned

Answer: b

Explanation: System.Data.SqlClient provides access to versions of SQL Server, which encapsulates database-specific protocols.

42. Point out the correct statement.

- a) Using the System.Data.SqlClient, you can fill a memory-resident DataSet that you can use to query and update the database
- b) System.Data.SqlClient includes a tabular data stream (TDS) parser to communicate directly with SQL Server
- c) SqlBulkCopyColumnMapping lets you efficiently bulk load a SQL Server table with data from another source
- d) None of the mentioned

Answer: b

Explanation: The .NET Framework Data Provider for SQL Server describes a collection of classes used to access a SQL Server database in the managed space.



43.Code snippet for having a named instance of SQL Server would be _____

- a) “Server=localhost\sqlexpress”
- b) “Server=local\sqlexpress”
- c) “Server=host\sqlexpress”
- d) “Ser=localhost\sqlexpress”

Answer: a

Explanation: An instance of the SqlConnection class in .NET Framework is supported by the Data Provider for SQL Server Database.

44. Point out the wrong statement.

- a) The goal of dotConnect for SQL Server is to enable developers to maintain database applications
- b) dotConnect for SQL Server combines connected and disconnected data access models in single SqlDataAdapter component
- c) dotConnect for SQL Server supports new ADO.NET features and technologies as soon as they are released
- d) None of the mentioned

Answer: a

Explanation: The goal of dotConnect for SQL Server is to enable developers to write efficient and flexible database applications. The dotConnect for SQL Server assemblies are implemented using optimized code and advanced data access algorithms.

45. Which of the following is enumeration for ADO.net with SQL Server?

- a) SqlInfo
- b) SqlBulkCopyOptions



- c) SqlNotification
- d) All of the mentioned

Answer: b

Explanation: Bitwise flag that specifies one or more options to use with an instance of SqlBulkCopy.

46. 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.
- E. Managed code is the code that can run on top of Linux.

Answer: Option D

Explanation:

47.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. Component Object Model
- E. Common Type System

Answer: Option A

49. 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. Class Loader
- E. CTS

Answer: Option C

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

- A. Private Assemblies
- B. Friend Assemblies
- C. Shared Assemblies
- D. Public Assemblies
- E. Protected Assemblies

Answer: Option C



Unit 2 :Introduction to vb.net

1. Which one is a numeric data type?

- A) Floating point
- B) Integer
- C) Boolean
- D) Both a and b.

Correct Answer : D

2. MOD is _____ operator in VB.Net

- A) Assignment
- B) Logical
- C) Arithmetic
- D) Comparison

Correct Answer : C

3. How many types of Operator used in VB.Net?

- A) 2
- B) 3
- C) 4
- D) 5

Correct Answer : D



4. Which of the following converts the expression to Char data type in VB.NET?

- A) CBool(expression)
- B) CByte(expression)
- C) CChar(expression)
- D) CDate(expression)

Correct Answer : C

2. Which of the following converts the expression to Date data type in VB.NET?

- A) CBool(expression)
- B) CByte(expression)
- C) CChar(expression)
- D) CDate(expression)

Correct Answer : D

3. How many size of character in variable name ?

- A) 256
- B) 22
- C) 300
- D) 200

Correct Answer : B

4. How many type of String Data Type?

- A) 1
- B) 2
- C) 3



D) 4

Correct Answer : B

5. Which character is used to store date or time in date data type?

A) *

B) \$

C) #

D) {}

Correct Answer : C

6. What is the syntax of Dynamic Array?

A) Dim Array_name (new_size)

B) Redim Array_name (new_size)

C) Dim Array_name (size)

D) Redim Array_name (size)

Correct Answer : B

7. How many types of Array?

A) 2

B) 4

C) 3

D) 5

Correct Answer : B

8. How many types of button used in MsgBoxstyle?



A) 3

B) 4

C) 5

D) 6

Correct Answer : D

9. Maximum number of button in message box-

A) 1

B) 3

C) 2

D) 4

Correct Answer : B

10. What is the property of Delete in VB.Net?

A) .Delete

B) .Remove At

C) .Delete At

D) .Remove

Correct Answer : B

11. Which one of the following is correct?

A) $\text{int } a=16, a \gg 2 = 4$

B) $\text{int } b=-8, b \gg 1 = -4$



C) `int a=16, a>>> 2= 4`

D) All of the Above

Correct Answer : D

12. Which of the following is an 8-byte integer?

A) Char

B) Long

C) Short

D) Byte

Correct Answer : B

13. Which of the following is not an integer?

A) Char

B) Byte

C) Integer

D) Long

Correct Answer : A

14. Which one is not a valid variable name?

A) myName

B) my.name

C) my-name

D) MYNAME



Correct Answer :B

15. Which data type is used for 'City name'?

- A) Integer
- B) Boolean
- C) Floating Point
- D) String

Correct Answer : D

16. Which bracket is used for declaring Array in VB.Net?

- A) ()
- B) []
- C) { }
- D) All

Correct Answer : A

17. How many categories in Toolbox of VB.Net?

- A) 9
- B) 10
- C) 6
- D) 8

Correct Answer : B



18. Which of the following Common Method used in Textbox?

- A) Show()
- B) Hide ()
- C) Remove ()
- D) Focus ()

Correct Answer : C

19. Which Control is used for display message in Window of VB.Net?

- A) Text box
- B) Label
- C) List View
- D) Display Message

Correct Answer : B

20. Standard Prefix for Textbox is _____.

- A) txt
- B) text
- C) tx
- D) txtb

Correct Answer : A

21. Which method is not used in Items Collection in Listbox?

- A) Add



- B) Clear
- C) Count
- D) Delete

Correct Answer: D

22. Which of the following provides quick access to commonly used commands in the programming environment?

- A) Toolbox
- B) Object browser
- C) Toolbar
- D) None of these

Correct Answer : A

23. control is used to provide an identifiable grouping for other controls.

- A) Frame
- B) Label
- C) List box
- D) Command button

Correct Answer : A

24. combines the features of the text box and list box.

- A) Picture box
- B) Check box
- C) Combo box



D) Option button

Correct Answer : C

25. By default, the textbox control can hold text as

A) Multiple lines

B) Single line

C) Password character

D) None of these

Correct Answer : B

26. A displays a list of items from which user can select one or more items.

A) Combo box

B) List box

C) Check box

D) Scroll bar

Correct Answer :C

27. How many Menus in VB.Net?

A) 10

B) 7

C) 11

D) 8

Correct Answer : C

28. is a collection of files.



- A) Class
- B) Group
- C) Project
- D) Form

Correct Answer : Project

29. Visual Basic maintains a project to file with the extension.....

- A) frm
- B) vbp
- C) .vbs
- D) .cls

Correct Answer : B

30. indicates whether a particular condition is on or off.

- A) Combo Box
- B) List Box
- C) Check Box
- D) None of these

Correct Answer : C

31. In GUI , is a means of selecting one of several options.

- A) Option Button
- B) Scroll Bar



C) List Box

D) Combo Box

Correct Answer: A

32. Control is used to represent the items in a hierarchical manner.

A) Tree View

B) Grid View

C) Progress Bar

D) None of these

Correct Answer : A

33. How many Dialogs in Dialog Category of tool box?

A) 3

B) 5

C) 7

D) 4

Correct Answer : 5

34. Which of the following Control is also called Looping Control?

A) Scroll Bar

B) Timer

C) List View

D) Check Box

Correct Answer : B



35. Shortcut Key is to open Code Designer Window-

- A) Ctrl+F7
- B) F7
- C) F5
- D) Shift+F7

Correct Answer : B

36. Shortcut Key is to open Project Dialog Box-

- A) Ctrl + O
- B) Ctrl + N
- C) Ctrl + P
- D) Ctrl + A

Correct Answer : B

37. Which operator is used to check Inequality?

- A) <>
- B) ==
- C) <>
- D) >=<

Correct Answer : C



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

- A. Unmanaged
- B. Distributed
- C. Legacy
- D. Managed Code
- E. Native Code

Answer: Option D

39. Which of the following statements is correct about the .NET Framework?

- A. .NET Framework uses DCOM for achieving language interoperability.
- B. .NET Framework is built on the DCOM technology.
- C. .NET Framework uses DCOM for making transition between managed and unmanaged code.
- D. .NET Framework uses DCOM for creating unmanaged applications.
- E. .NET Framework uses COM+ services while creating Distributed Applications.

Answer: Option C

40. The default property for a text box control is

- A. Text
- B. Enable
- C. Multiline
- D. Password char

Answer: Option A



41. Which of the following access modifier specifies that one or more declared programming elements are accessible from within the assembly that contains their declaration, not only by the component that declares them?

- A. ByRef
- B. ByVal
- C. Default
- D. Friend

Answer: Option D

42. A _____ performs invisible tasks even if you write no code

- A. Destructor
- B. private method
- C. constructor
- D. function

Answer: Option C

43. Visual Studio .NET provides which feature:

- A. debugging
- B. application deployment
- C. syntax checking
- D. All of the above.

Answer: Option D



44. Which of the following converts the expression to Object data type in VB.NET?

- A - CObj(expression)
- B - CSByte(expression)
- C - CShort(expression)
- D - CSng(expression)

Answer : A

45. Which of the following Collection class of VB.NET uses a key as well as an index to access the items in a list?

- A - ArrayList
- B - Hashtable
- C - SortedList
- D – Stack

Answer : C

46. Which of the following is an entry point method of VB.NET program?

- A. Sub Main
- B. function main
- C. Both of the above
- D. None of the above

Answer : A



47 _____ object is used to fill a DataSet/DataTable with query results in ADO.NET.

- (A) DataReader
- (B) DataSet
- (C) DataAdapter**
- (D) DataTable.

48. What are the three primary kinds of parameters?

- (A) Integer, String, DateTime
- (B) Input, Integer, String
- (C) Input, Output, InputOutput**
- (D) int, varchar, nvarchar

49. What are the Command object property settings to execute a stored procedure?

- (A) CommandType = Text, CommandText = stored procedure name
- (B) CommandType= Text, CommandText = SQL syntax to execute the stored procedure**
- (C) CommandType = StoredProcedure, CommandText = SQL syntax to execute the stored procedure
- (D) CommandText = StoredProcedure, CommandText = stored procedure name

50. Is it possible to load multiple tables in a Dataset?

- (A) Yes**
- (B) No



Unit 3 Object Oriented Programming in VB.net

1. What is OOP's?

- A) Objective Oriented Program
- B) Object Oriented Program
- C) Objective Oriented Programming
- D) Object Oriented Programming

Correct Answer : D

2. How many types of Program Paradigm use in Programming?

- A) 4
- B) 2
- C) 1
- D) 3

Correct Answer : B

3. Which one is not a feature of Object oriented programming?

- A) Inheritance
- B) Polymorphism
- C) **Private**
- D) Object

Correct Answer : C

4. What is the other name of 'My Class'?

- A) My Base
- B) Parent
- C) **Child**



D) None of these

Correct Answer : C

5. Which member of Access Specifier is Inheritable?

A) Protected Friend

B) Public

C) Private

D) Protected

Correct Answer : D

6. What is OLE?

A) Objective Linking and Embedding

B) Object Linking and Embedding

C) Object Linking and Embedd

D) Object Link and Embedding

Correct Answer : B

7. Which one is the features of Constructor?

A) Initialize the Object

B) Pass unlimited arguments

C) Use new keyword

D) All of the Above

Correct Answer : D



8. Code is:

A) Update-able in the form editor

B) Instructions

C) Seldom used

D) An object

Correct Answer : B

9. Event-driven languages are:

A) FORTRAN based

B) Are used to write procedural languages

C) OOP

D) Designed to make programming GUI easier

Correct Answer : D

10. The application name always appears in the:

A) Properties window

B) Intermediate window

C) Code window

D) Title bar

Correct Answer : D

11. New keyword is used with the-

A) Destructor



B) Constructor

C) Both

D) None of these

Correct Answer : B

12. What is the full form of COM?

A) Computer Object Model

B) Component Objective Model

C) Computer Objective Model

D) Component Object Model

Correct Answer : D

13. What is the full form of API in VB.Net?

A) Application Programming Interface

B) Application Program Interface

C) Application Programming Interchange

D) Application program Interchange

Correct Answer : A

14. Overriding and Overloading is the method of _____

A) Public

B) Inheritance

C) Polymorphism



D) Abstraction

Correct Answer : C

15. In window we can write code.

- A) Immediate window
- B) Locals window
- C) **Code editor window**
- D) None of these

Correct Answer : C

16. What is the shortcut key to run the program?

- A) F2
- B) **F5**
- C) F7
- D) F4

Correct Answer : B

17. OLE is not a part of common language runtime.

- A) **True**
- B) False

Correct Answer : A

18. Dispose keyword is used in-



- A) Public
- B) Destructor**
- C) Friend
- D) Constructor

Correct Answer : B

19. _____ is a similar type of Private member.

- A) Friend
- B) Public
- C) Overriding
- D) Protected**

Correct Answer : D

20. A _____ performs invisible tasks even if you write no code.

- A) Friend
- B) Private Method
- C) Constructor**
- D) Function

Correct Answer : C

21. Whenever an application is created, a _____ is added.

- A) Form**
- B) Class



C) Property

D) Object

Correct Answer : A

22. The _____ model does not offer a model for source code reuse.

A) COM+

B) DCOM

C) COM

D) .Net

Correct Answer : C

23. The function procedures are _____ by default.

A) Public

B) Private

C) Protected

D) Inherited

Correct Answer : A

24. _____ is the ability to create procedures that can operate on objects of different types.

A) Abstraction

B) Encapsulation

C) Polymorphism

D) Inheritance



Correct Answer : C

25. _____ is the process by which you can derive new classes from other classes.

- A) Abstraction
- B) Encapsulation
- C) Polymorphism
- D) Inheritance**

Correct Answer : D

26. Which is an example of Visual Basic Objects?

- A) Control Objects
- B) ASP.Net
- C) ADO.Net
- D) All of the above**

Correct Answer : D

27. What is the full form of ADO?

- A) Active Data Object
- B) ActiveX Data Object**
- C) Active Database Object
- D) Active Data Objective

Correct Answer : B



28. What is SQL?

- A) Structure Query Language
- B) Structured Query Language**
- C) Structure queries languages
- D) Select Query Language

Correct Answer : B

29. Which one is a database program ?

- A) Oracle
- B) SQL Server
- C) Microsoft ODBC Data Source
- D) All of the above**

Correct Answer : D

30. _____ works as a bridge between data source and data set.

- A) Data Reader
- B) Data Provider
- C) Data Adapter**
- D) Data Relation

Correct Answer : C

31. What is the full form of XML?



- A) Extension Mark Language
- B) Extension Model Language
- C) Extensible Markup Language**
- D) Extensible Mark Language

Correct Answer : C

32. How many methods are used in database programming with VB.Net?

- A) 1
- B) 4
- C) 2
- D) 3**

Correct Answer : D

33. What is the shortcut key to open Server Explorer?

- A) Shift+S
- B) Ctrl+Alt+S**
- C) Shift+Alt+S
- D) Ctrl+S

Correct Answer : B

34. When was ADO introduced by Microsoft?

- A) 1990
- B) 1991



C) 1995

D) 1996

Correct Answer : D

35. Which one is Data Adapter Object?

A) OleDb

B) Sql

C) Odbc

D) All

Correct Answer : D

36. Through _____ Controls we can access information in the databases.

A) Data Bound Control

B) Data Control

C) Wizard

D) Report

Correct Answer : A

37. Which does the solution explorer not display?

A) Form Properties

B) Reference Folder

C) Form File



D) Assemble File

Correct Answer : A

38. How many properties in SQL Command?

A) 2

B) 1

C) 3

D) 4

Correct Answer : D

39. What is ODBC in VB.Net?

A) Open Database Connectivity

B) Open Data Connection

C) Open Database Connection

D) Open Data Connectivity

Correct Answer : A

40. Programmer may also Access the data inside the ComboBox and ListBox control.

A) True

B) False

Correct Answer: A

41. Using a _____ variable does not enable us to create read-only properties that are often required by a class.

A. public



- B. private
- C. protected
- D. friend

Answer: A. public

42. A _____ performs invisible tasks even if you write no code.

- A. destructor
- B. private method
- C. constructor
- D. function

Answer: C. constructor

43. The _____ does not describe inherited member functions, inherited operators, and overridden virtual member functions.

- A. Class Library Reference
- B. Library
- C. Objects
- D. Classes

Answer: A. Class Library Reference

44. The _____ group classes according to their common services.

- A. objects
- B. inheritance
- C. Namespaces



D. programs

46. _____ are interactive objects that you place in dialog boxes or other windows to carry out user actions.

A. Controls

B. Objects

C. Classes

D. Forms

Answer: A. Controls

47. The _____ class provides static methods to start, stop, or filter Windows messages in an application.

A. Forms

B. Windows

C. Application

D. Control

Answer: C. Application

48. The _____ is a systematic class framework used for the development of system tools and utilities.

A. .Net Framework Class Library (FCL)

B. .Net tools

C. Visual Basic 2005

D. Visual Basic 6

Answer :A. .Net Framework.... (FCL)



49. The _____ method converts the value of this instance to a double representing the OLE automation date.

- A. From OA Date
- B.TO OA Date
- C. Today
- D. Now

Answer :B.TO OA Date

50. The _____ enable us to pass data between a program and a class.

- A. Functions
- B. Properties
- C. Procedures
- D. Variables

Answer :B. Properties



Unit 4: Architecture of ADO.net

1. In which Menu Server Explorer is present ?

- A) Window
- B) Tool
- C) View
- D) Edit

Correct Answer : A

2. Which option is used to connect database with VB.net?

- A) Solution Explorer
- B) Database Connector
- C) Server Explorer
- D) All

Correct Answer : C

3. Which one is the method of Connection object in ADO.Net?

- A) Open ()
- B) New()
- C) ConnectionOpen()
- D) None of these

Correct Answer : C

4. The DataSet object is a _____ storage.

- A) Connected



- B) Disconnected
- C) Polling
- D) None

Correct Answer : A

5. _____ object is used to fill a DataSet/DataTable with query results in ADO.net.

- A) DataReader
- B) DataSet**
- C) DataAdapter
- D) DataTables

Correct Answer : B

6. Syntax for closing the connection in ADO.net is :

- A) sqlConnclose()
- B) sqlconnection.close()
- C) sqlConn.Close()**
- D) None of the mentioned

Correct Answer : C

7. Which object is used to add a relationship between two DataTable objects?

- A) Dataset
- B) DataReader
- C) DataRelation**



D) Connection

Correct Answer : C

8. To _____ , select query is used in ADO.Net .

A) Update Data

B) Add Data

C) View Data

D) None of these

Correct Answer : C

9. _____ works as a bridge between data source and data set.

A) Data Reader

B) Data Provider

C) Data Adapter

D) Data Relation

Correct Answer : C

10. What is the full form of XML?

A) Extension Mark Language

B) Extension Model Language

C) Extensible Markup Language

D) Extensible Mark Language

Correct Answer : C



11. What is the shortcut key to open Server Explorer?

- A) Shift+S
- B) Ctrl+Alt+S**
- C) Shift+Alt+S
- D) Ctrl+S

Correct Answer : B

12. When was ADO introduced by Microsoft?

- A) 1990
- B) 1991
- C) 1995
- D) 1996**

Correct Answer : D

13. Which one is Data Adapter Object?

- A) OleDb
- B) Sql
- C) Odbc
- D) All**

Correct Answer : D

14. Through _____ Controls we can access information in the databases.

- A) Data Bound Control**



- B) Data Control
- C) Wizard
- D) Report

Correct Answer : A

15. Which does the solution explorer not display?

- A) Form Properties
- B) Reference Folder
- C) Form File
- D) Assemble File

Correct Answer : A

16. How many properties in SQL Command?

- A) 2
- B) 1
- C) 3
- D) 4

Correct Answer : D

17. Syntax for closing and opening the connection in ADO.net is _____

- A. sqlConn.Open() and sqlConn.close()
- B. sqlConn.open() and sqlConn.Close()
- C. **sqlConn.Open() and sqlConn.Close()**
- D. none of the mentioned

Correct Answer : C



18. The main features of dotConnect for SQL Server includes _____

- A. Extra data binding capabilities
- B. Ability of monitoring query execution
- C. Supports the latest versions of SQL Server
- D. All of the mentioned

19. What is ODBC in VB.Net?

- A) Open Database Connectivity
- B) Open Data Connection
- C) Open Database Connection
- D) Open Data Connectivity

Correct Answer : A

20. Which one is the method of Connection object in ADO.Net?

- A) Open ()
- B) New()
- C) ConnectionOpen()
- D) None of these

Correct Answer : A

21. The DataSet object is a _____ storage.

- A) Connected
- B) Disconnected
- C) Polling
- D) None



Correct Answer : A

22. _____object is used to fill a DataSet/DataTable with query results in ADO.net.

- A) DataReader
- B) DataSet**
- C) DataAdapter
- D) DataTables

Correct Answer : B

23. Syntax for closing the connection in ADO.net is :

- A) sqlConnclose()
- B) sqlconnection.close()
- C) sqlConn.Close()**
- D) None of the mentioned

Correct Answer : C

24. Which object is used to add a relationship between two DataTable objects?

- A) Dataset
- B) DataReader
- C) DataRelation**
- D) Connection

Correct Answer : C



25. To _____ , select query is used in ADO.Net .

- A) Update Data
- B) Add Data
- C) View Data**
- D) None of these

Correct Answer : C

26. Which language does not Object Oriented Programming Language?

- A) VB.Net
- B) Java
- C) VB 6**
- D) C++

Correct Answer : C

27. To use the .NET Framework Data Provider for SQL Server, an application must reference the _____ namespace.

- A. System.Data.Client
- B. System.Data.SqlClient**
- C. System.Data.Sql
- D. None of the mentioned

Correct Answer : B

28. Point out the correct statement.

- A. Using the System.Data.SqlClient, you can fill a memory-resident DataSet that you can use to query and update the database



- B. System.Data.SqlClient includes a tabular data stream (TDS) parser to communicate directly with SQL Server**
- C. SqlBulkCopyColumnMapping lets you efficiently bulk load a SQL Server table with data from another source
- D. None of the mentioned

Correct Answer : B

29. Point out the correct statement.

- A. Using the System.Data.SqlClient, you can fill a memory-resident DataSet that you can use to query and update the database**
- B. System.Data.SqlClient includes a tabular data stream (TDS) parser to communicate directly with SQL Server
- C. SqlBulkCopyColumnMapping lets you efficiently bulk load a SQL Server table with data from another source
- D. None of the mentioned

Correct Answer : A

30. ADO stands for _____

- (A) Active Data Objects
- (B) Active Data ObjectsX
- (C) ActiveX DataX Objects
- (D) ActiveX Data Objects**

Correct Answer : D

31. ADO.NET is a set of _____ to interact with data sources such as databases and XML files.

- (A) data groups
- (B) databases
- (C) classes



(D) none of these

Correct Answer:C

32. ADO.NET works on _____ type(s) of architecture.

(A) Connection Oriented

(B) Connection Less

(C) Both

(D) Only A

Correct Answer :C

33. ADO.NET connects to _____

(A) SQL Server

(B) Oracle

(C) OleDb & Odbc

(D) All of these

Correct Answer :D

34. In ADO.NET, _____ class is used to connect to the database.

(A) Conn

(B) Connection

(C) SqlCon

(D) None of these

Correct Answer :B



35. _____ provides methods for storing and executing SQL statements and Stored Procedures.

- (A) Connection
- (B) Command**
- (C) Reader
- (D) Database

Correct Answer :B

36. Which method are not related with Command class?

- (A) ExecuteReader()
- (B) ExecuteNonQuery()
- (C) ExecuteScalar()
- (D) ExecuteXML()**

Correct Answer :D

37. If we want to retrieve one or more select statements than which method is suitable?

- (A) ExecuteScalar()
- (B) ExecuteReader()**
- (C) ExecuteXML()
- (D) ExecuteNonQuery()

Correct Answer :B

38. _____ method is used to change the data in the database such as an update, delete, or insert statements.

- (A) ExecuteReader()
- (B) ExecuteNonQuery()**



(C) ExecuteXML()

(D) ExecuteNonQuery()

Correct Answer :D

39. ExecuteScalar() returns a _____

(A) Single Value

(B) Multiple Values

(C) Statements

(D) None of these

Correct Answer :A

40. The _____ is essentially a collection of DataTable objects.

(A) Commands

(B) DataSet

(C) Classes

(D) DataReader

Correct Answer :B

41. Following which are not part of connection string?

(A) Server

(B) Database

(C) Schema

(D) User id

Correct Answer : C



42. A _____ is required as a parameter to SqlConnection

(A) Connection String

(B) Command

(C) ExecuteReader()

(D) None of these

Correct Answer :A

43. Connection string is a case sensitive?

(A) Yes

(B) No

Correct Answer :B

44. In connection string, user id & password is required if you go with _____

(A) Windows Authentication

(B) SQL Authentication

(C) Security Authentication

(D) None of these

Correct Answer :B

45. If you want to connect to an Oracle database, the connection class is _____ needed.

(A) SqlConnection

(B) OracleConnection

(C) OdbcConnection

(D) None of these

Correct Answer :B



46. If you want to connect to an SQL database, than namespace required for it is _____

- (A) System.Data.OralceClient
- (B) System.Data.SqlClient**
- (C) System.Data.Client
- (D) System.Data.Sql

Correct Answer :B

47. _____ class is used to throw SQL exceptions.

- (A) SqException
- (B) SqlException**
- (C) SqlEx
- (D) SqlExeption

Correct Answer :B

48. Following which are not Data Provider (Managed provider) in .NET Framework?

- (A) System.Data.OracleClient
- (B) System.Data.SqlClient
- (C) System.Data.OleDb
- (D) System.Data.Sql**

Correct Answer :D

49. _____ block is used to close the connection automatically.

- (A) try...catch
- (B) Using**



(C) Import

(D) none of these

Correct Answer :B

50. Syntax for closing and opening the connection in ADO.net is _____

(A) sqlConn.open() and sqlConn.Close()

(B) sqlConn.Open() and sqlConn.close()

(C) sqlConn.opn() and sqlConn.Close()

(D) sqlConn.Open() and sqlConn.Close()



Unit 5 Crystal Report

1. _____ object is used to fill a DataSet/DataTable with query results in ADO.net.

- A. DataReader
- B. Dataset
- C. DataAdapter**
- D. DataTables

Correct Answer : C

2. Which is a property of the DataGrid control?

- A. DataMember
- B. DataSource
- C. DataQuery
- D. All of the above.**

Correct Answer : D

3. Can you use a DataView to filter rows in a DataTable

- A. Yes, by setting the Filter property of the DataView
- B. Yes, by setting the RowFilter property of the DataView**
- C. Yes, by using the SetFilter(. method of the DataView
- D. No, a DataView cannot be used to filter rows in a DataTable

Correct Answer : B

4. In a connection string _____ represents name of the database

- A. Data Source
- B. Initial Catalog**
- C. Catalog Initial
- D. Database

Correct Answer : B



5. What are the Command Object Methods?

- A. ExecuteNonQuery
- B. ExecuteReader
- C. ExecuteScalar
- D. All of the above.**

Correct Answer : D

6. When you create a relationship between tables in ADO.NET DataSet

- A. A UniqueConstraint is added to the parent table
- B. A ForeignKeyConstraint is added to the child table by default
- C. Both a and b**
- D. None

Correct Answer : C

7. The first record in a dataset has a position property of:

- A. zero**
- B. one
- C. any value defined by the programmer
- D. All of the above

Correct Answer : A

8.What information is specified in the Connection tab of the DataLink window?

- A. Database login
- B. Database name
- C. Database type
- D. All of the above.**

Correct Answer : D



9. Which of the following is true for ADO.NET DataSet?

- A. DataSet provides a disconnected view of a data source.
- B. Dataset enables to store data from multiple tables and multiple sources
- C. We can create relationship between the tables in a DataSet.
- D. All of above are true**

Correct Answer : D

10. Which of the following is not a DataReader method?

- A. NextResult
- B. GetName
- C. GetValue
- D. GetDataTypes**

Correct Answer : D

11. How can you burst crystal reports by E-mail?

- A. Using a PDF tool
- B. Using Crystal Reports Scheduler such as CRD
- C. Data driven publishing method
- D. All of the above**

Correct Answer : D

12. What are the disadvantages Of Crystal Reports?

- A. End user need to have the crystal report viewer in his PC in order to see the crystal report output. But this can be overcome if you export the report as PDF/HTML
- B. You need to buy Crystal Report license for each pc you are used to design the crystal report
- C. Must buy the version which allows you to install run time components in end user PC
- D. All of these**

Correct Answer : D



13. _____ is the integrated reporting tool in visual studio

- A. Crystal Report
- B. Data Report
- C. Data sheet
- D. None of these

Correct Answer :A

14. Crystal Report uses an _____ control to establish connection with another program.

- A. ActiveX
- B. ADO.net
- C. JET
- D. None of these

Correct Answer :A

15. _____ Appears at the top of the first page of report

- A. Report Header
- B. Page header
- C. Detail
- D. Page footer

Correct Answer :A

16. _____ Appears after the report header on the first page. On all the remaining pages it appears at the top of the page.

- A. Report Header
- B. Page header
- C. Detail
- D. Page footer

Correct Answer : B



17. _____ Actual content appears in this area.

- A. Report Header
- B. Page header
- C. Detail**
- D. Page footer

18. _____ Appears at the bottom of each page.

- A. Report Header
- B. Page header
- C. Detail
- D. Page footer**

Correct Answer : D

19. _____ Appears as the bottom of the page for the last page in the report.

- A. Report Footer**
- B. Page header
- C. Detail
- D. Page footer

20. _____ It holds the group name field. It appears once at the beginning of a group, directly above the details section.

- A. Report Header
- B. Page header
- C. Group header**
- D. Page footer

Correct Answer : C



21. _____ field is used to insert the page number with a total page count into the report.

- A. Page N and M
- B. Group number
- C. Page number
- D. File Author

22. _____ filed is used to show the date that the report was created.

- A. Data date
- B. Print date
- C. File creation date
- D. None of these

Correct Answer : C

23. _____ field is used to show the date when the report data was last refreshed.

- A. Data date
- B. Print date
- C. File creation date
- D. None of these

Correct Answer :A

24. _____ field is used to include the current date when the report prints.

- A. Data date
- B. Print date
- C. File creation date
- D. None of these

Correct Answer : B

25. _____ is used to show the time that when the report data was last refreshed

- A. Data date
- B. Print date



- C. File creation date
- D. Data Time**

Correct Answer :D

26. _____ filed is used to show the last time when the report was saved.

- A. Modification Date
- B. Modification Time**
- C. Date time
- D. Data Date

Correct Answer : B

27. _____ field is used to show the report title that you have entered into the “Summary info” window

- A. Report title**
- B. Report comments
- C. Report
- D. None of these

Correct Answer :A

28. _____ Field is used to number each record printed in the details section of your report.

- A. Record Number**
- B. Page N and M
- C. Page number
- D. None of these

Correct Answer :A

29. _____ filed is used to insert in file name of the current report

- A. File Path



- B. File Name**
- C. File Number
- D. Report path

Correct Answer : B

30. _____ filed is used to insert in file Path of the current report

- A. File Path**
- B. File Name
- C. File Number
- D. Report path

Correct Answer :A

31. _____Field is used to insert comment to report.

- A. Report comment**
- B. Report title
- C. Record selection formula
- D. None of these

Correct Answer :A

32. 1. To use the .NET Framework Data Provider for SQL Server, an application must reference the _____ namespace.

- A. System.Data.Client
- B. System.Data.SqlClient**
- C. System.Data.Sql
- D. None of the mentioned

Correct Answer : B

33. If you are using the DataSet and you have to display the data in sorted order what will you do?



- A. Use Sort method of DataTable
- B. Use Sort method of DataSet
- C. Use DataView object with each sort**
- D. Use datapaging and sort the datau do?

Correct Answer : C

34. Which of the following is correct about VB.NET?

- A - VB.NET has complete support for object-oriented concepts. VB.NET has complete support for object-oriented concepts.
- B - Everything in VB.NET is an object, including all of the primitive types (Short, Integer, Long, String, Boolean, etc.) and user-defined types, events, and even assemblies.
- C - All objects inherits from the base class Object.
- D - All of the above.**

Correct Answer : D

35. - Which of the following converts the expression to Object data type in VB.NET?

- A - CObj(expression)**
- B - CSByte(expression)
- C - CShort(expression)
- D - CSng(expression)

Correct Answer:A

36. Which of the following access modifier specifies that a class can be used only as a base class and that you cannot create an object directly from it?

- A - MustInherit**
- B - MustOverride
- C - Narrowing



D – NotInheritable

Correct Answer:A

37. Which of the following access modifier indicates that a class or structure declaration is a partial definition of the class or structure?

A - Overridable

B - Overrides

C - ParamArray

D – Partial

Correct Answer : D

38. Which of the following access modifier specifies that Visual Basic should marshal all strings to Unicode values regardless of the name of the external procedure being declared?

A - Shadows

B - Shared

C - Static

D - Unicode

Correct Answer : D

39. Which of the following statement declares a reference to a procedure implemented in an external file?

A - Sub

B - Declare

C - Operator

D - Property



40. Which of the following Collection class of VB.NET uses a key to access the elements in the collection?

A - ArrayList

B - Hashtable

C - SortedList

D – Stack

Correct Answer :B

41. Which of the following is true about exceptions in VB.NET?

A - The exception classes in VB.NET are mainly directly or indirectly derived from the System.Exception class.

B - VB.NET exceptions are represented by classes.

C - Both of the above.

D - None of the above.

42. Which of the following is an entry point method of VB.NET program?

A. Sub Main

B. function main

C. Both of the above

D. None of the above

Correct Answer :B

43. How to dereference an object in VB.NET?

A. By setting the object to Null

B. By setting the object to Nothing



- C. With Close keyword
- D. None of the above

Correct Answer :B

44. Which language is not a true object-oriented programming language?

- A. VB.NET
- B. VB 6**
- C. C++
- D. C#

Correct Answer :B

45. Which is not a main component of the Visual Studio IDE?

- A. Solution Explorer
- B. Tool Box
- C. Start Menu**
- D. Designer Window

Correct Answer : C

46. Which of the following Loop structure does not supported by VB.Net?

- A. Do ___ Loop
- B. For ___ Next
- C. Do ___ While**
- D. For Each ___ While



Correct Answer : C

47. What would we use to know if a value returned in a datatable is NULL in the database?

- A. IsDBNull()
- B. IsEmpty()
- C. ISNull()
- D. None

Correct Answer : C

48. A _____ performs invisible tasks even if you write no code.

- A. destructor
- B. private method
- C. constructor
- D. function

Correct Answer : C

49. A GUI

- A. uses buttons, menus, and icons
- B. should be easy for a user to manipulate
- C. both (a) and (b)
- D. stands for Graphic Use Interaction



Correct Answer : C

50. OLE is not a part of common language runtime.

A) True

B) False

Correct Answer:A

