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COLLEGE OF SCIENCE AND TECHNOLOGY
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Question Bank

Class: T.Y.B. Sc.IT

Semester: V

Subject: Advanced Web Programming

Unit 1 MCQ's

1. CLR full form is _____.
 - a) Java Virtual Machine
 - b) Common Language Runtime
 - c) Common Type System
 - d) Common Language Specification

2. All C# applications begin execution by calling the _____ method.
 - a) Class()
 - b) Main()
 - c) main()
 - d) Namespace()

3. A _____ is an identifier that denotes a storage location.
 - a) Constant
 - b) Reference type
 - c) Variable
 - d) Object

4. An _____ is a symbol that tells the computer to perform certain mathematical or logical manipulations.
 - a) Operator
 - b) Expression
 - c) Condition
 - d) Logic

5. An ____ is a group of contiguous or related data items that share a common name.

- a) Operator
- b) Integer
- c) Exponential
- d) Array

6. _____ variables are visible only in the block they are declared.

- a) System
- b) Global
- c) Local
- d) Console

7. The methods that have the same name, but different parameter lists and different definitions is called_____.

- a) Method Overloading
- b) Method Overriding
- c) Method Overwriting
- d) Method Overreading

8. In Microsoft Visual Studio, _____ technology and a programming language such as C# is used to create a Web based application.

- a) JAVA
- b) J#
- c) VB.NET
- d) ASP.NET

9. C# does not support.....

- a) abstraction
- b) polymorphism
- c) multiple inheritance
- d) inheritance

10. Which of the following jobs are NOT performed by Garbage Collector?

- 1.)Freeing memory on the stack.
- 2.)Avoiding memory leaks.
- 3.)Freeing memory occupied by unreferenced objects.

4.)Closing unclosed database collections.

5.)Closing unclosed files.

- a) 1, 2, 3
- b) 1, 4, 5
- c) 3, 5
- d) 3, 4

11. Which of the following is/are not types of arrays in C#?

- a) Single-Dimensional
- b) Multidimensional
- c) Jazzed arrays
- d) Jagged arrays

12. Which file contains configuration data for each unique URL resource used in project?

- a) web.config
- b) global.asax
- c) webapplication.vsdisco
- d) assemblyinfo.cs

13. Which of the following is not infinite loop?

- a) `for(;'0';)`
- b) `for(;'0';)`
- c) `for(;'1';)`
- d) `for(;'1';)`

14. Which of the following constitutes the .NET Framework?

- 1.) ASP.NET Applications
 - 2.) CLR
 - 3.) Framework Class Library
 - 4.) WinForm Applications
 - 5.) Windows Services
- a) 2, 5
 - b) 2, 1

c) 2, 3

d) 3, 4

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

a) Class Loader

b) Garbage Collector

c) CTS

d) CLR

16. A Constructor.....

a) is used to create objects

b) must have the same name as the class it is declared within

c) constructors are never called explicitly

d) maybe overloaded

17. A delegate in C# defines.....

a) a Indian Government representative

b) a class that encapsulates methods

c) a means of passing arrays into methods

d) a substitute for an inherited method

18. Which of the following converts a type to a 16-bit integer in C#?

a) ToDecimal()

b) ToDouble()

c) ToInt16()

d) ToInt32()

19. Which of the following method copies the reference to the memory location of an argument into the formal parameter?

a) Value parameters

b) Reference parameters

c) Output parameters

d) Input parameters

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

a) One

- b) Two
- c) Three
- d) Four

21. Boxing in .Net allows the user to convert?

- a) a integer type to double
- b) a reference type to a value type
- c) a value type to a reference type
- d) a double type to integer

22. C# special characters that you can append to literal value of Decimal?

- a) D
- b) L
- c) M
- d) F

23. What Is DLL?

- a) Dynamic-link language
- b) Direct link language
- c) Dynamic-link library
- d) Direct link library

24. What Is CTS?

- a) Common type specification
- b) Common type-safe
- c) Compiler type structure
- d) Common type system

25. .NET Framework Is An Internal _____ Component That Supports The Execution Of Applications Created By Using Various Programming Languages.

- a) Internet
- b) Windows
- c) Hardware
- d) language

26. 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

27. Which is the String method used to compare two strings with each other?

- a) Compare To()
- b) Compare()
- c) Copy()
- d) ConCat()

28. Which of the given modifiers can be used to prevent Method overriding?

- a) static
- b) Constant
- c) Sealed
- d) Final

29. Which keyword is used to refer base class constructor to subclass constructor?

- a) This
- b) Static
- c) Base
- d) Extend

30. Which of the following modifiers is used when an abstract method is redefined by a derived class?

- a) Overloads
- b) Override
- c) Base
- d) Virtual

31. Which among the following does not belong to the C#.NET namespace?

- a) class
- b) struct
- c) enum
- d) data

32. Which among the following is a .NET namespace?

- a) System.Web

- b) System.Process
- c) System.Drawing2D
- d) System.Drawing3D

33. 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.xml

34. Which of these operators must be used to inherit a class?

- a) :
- b) &
- c) ::
- d) Extends

35. If no access modifier for a class is specified, then class accessibility is defined as?

- a) public
- b) protected
- c) private
- d) internal

36. Default Type of number without decimal is?

- a) Long int
- b) Unsigned Long
- c) int
- d) Unsigned int

37. What will be the output of the following C# code?

```
static void Main(string[] args)
{
    float a = 10.553f;

    long b = 12L;

    int c;
```

```
c = Convert.ToInt32(a + b);  
Console.WriteLine(c);  
}
```

- a) 23.453
- b) 22
- c) 23
- d) 22.453

38. Correct way to assign values to variable 'c' when int a=12, float b=3.5, int c;

- a) `c = a + b;`
- b) `c = a + int(float(b));`
- c) `c = a + convert.ToInt32(b);`
- d) `c = int(a + b);`

39. Which among the following is NOT a logical or relational operator?

- a) `!=`
- b) `==`
- c) `||`
- d) `=`

40. Relational operators cannot be used on _____

- a) structure
- b) long
- c) strings
- d) float

41. Which among the following is a conditional operator?

- a) `'?:'`
- b) `?;`
- c) `?:`
- d) `??`

42. The correct way of incrementing the operators are:

- a) `++ a ++`
- b) `b ++ 1`
- c) `c += 1`

d) `d =+ 1`

43. Which reference modifier is used to define reference variable?

- a) `&`
- b) `ref`
- c) `#`
- d) `$`

44. The operator used to access member function of a class?

- a) `:`
- b) `::`
- c) `.`
- d) `#`

45. “A mechanism that binds together code and data in manipulates, and keeps both safe from outside interference and misuse. In short it isolates a particular code and data from all other codes and data. A well-defined interface controls access to that particular code and data.”

- a) Abstraction
- b) Polymorphism
- c) Inheritance
- d) Encapsulation

46. Correct way of declaration of object of the following class is?

class name

- a) `name n = new name();`
- b) `n = name();`
- c) `name n = name();`
- d) `n = new name();`

47. What will be the output of the following C# code?

```
static void Main(string[] args)
```

```
{
```

```
    int i = 1, j = 5;
```

```
    do
```

```
{  
    Console.WriteLine(i = i++ * j);  
}  
  
while (i <= 10);  
  
    Console.ReadLine();  
}
```

- a) 5 10 15 20 25 30 35 40 45 50
- b) 5 25
- c) 5 11 16 21 26 31 36 41 46 51
- d) 5 30

48. Which of these methods are used to read single character from the console?

- a) get()
- b) getline()
- c) read()
- d) readLine()

49. Which of these method used to read strings from the console?

- a) get()
- b) getline()
- c) read()
- d) readLine()

50. Which of these method/methods are used to read block or array of bytes from the file?

- a) Read()
- b) ReadByte()
- c) ReadLine()
- d) Readkey()

Unit 2 MCQ's

1. Which programming model should you implement if you want to separate your server-side code from your client-side layout code in a Web page?

- a) Single-file model

- b) Code-behind model
- c) Inline model
- d) Client-server model

2. Which of the following is NOT an ASP.NET page event?

- a) Init
- b) Load
- c) Import
- d) PreInit

3. To implement a specified .NET Framework interface which directive is used?

- a) @Register
- b) @Control
- c) @Reference
- d) @Implements

4. What is the name of the Page object's property that determines if a Web page is being requested without data being submitted to server?

- a) IsCallback
- b) IsReusable
- c) IsValid
- d) IsPostBack

5. Choose the form in which Postback occur.

- a) HTMLForms
- b) Webforms
- c) Winforms
- d) C#forms

6. 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

7. Which is the first event triggers in an aspx page ?

- a) Page_Init()
- b) Page_Load()
- c) Page_click()
- d) Page_start()

8. File extension used for ASP.NET web form files.

- a) .web
- b) .asp
- c) .aspx
- d) .ascx

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

- a) asp:label
- b) asp:listitem
- c) asp:button
- d) asp:listbox

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

- a) RegularExpressionValidator
- b) CompareValidator
- c) equals() method
- d) RequiredFieldValidator

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

- a) System.web.UI.Page

- b) System.Windows.Page
- c) System.Web.page
- d) System.Web.Text

12. How do you register a user control?

- a) Add Tag prefix, Tag name
- b) Add Source, Tag prefix
- c) Add Src, Tagprefix, Tagname
- d) Add File, Tag Tag name

13. Attribute must be set on a validator control for the validation to work.

- a) ControlToValidate
- b) ControlToBind
- c) ValidateControl
- d) Validate

14. Select the data type which is NOT supported by range validator.

- a) Integer
- b) Double
- c) Character
- d) Date

15. Select the validator used for email.

- a) Range Validator
- b) Required field Validator
- c) Regular expression Validator
- d) Compare Validator

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

- a) runat="server"
- b) runat="web-server"

- c) ID="server"
- d) ID="web-server"

17. If we want to add image advertisement using asp.net which of the following web control will you use?

- a) Link Button
- b) AdRotator
- c) Grid View
- d) Layout

- a) 18. Which of the following is NOT the property of TextBox in .Net?
- a. Text
 - b. Size
 - c. SelectedIndex
 - d. Font

19. Which of the following is NOT an Advertisements file element for Adrotator?

- a) ImageUrl
- b) PageUrl
- c) NavigateUrl
- d) Impressions

20. Which of the following is NOT a Graphics Class Object?

- a) Brush
- b) Canvas
- c) Font
- d) Pen

21. Which of the following is NOT an Attributes of Web.sitemap file?

- a) url
- b) title
- c) description
- d) path

22. Which of the following is NOT a property in Site Navigation API?

- a) LastNode
- b) CurrentNode
- c) RootNode
- d) ParentNode

23. In Microsoft Visual Studio, _____ technology and a programming language such as C# is used to create a Web based application.

- a) JAVA
- b) J#
- c) VB.NET
- d) ASP.NET

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

- a) .Asmx
- b) .Ascx
- c) .Aspx
- d) .Cs

25. The number of forms that can be added to a aspx page is

- a) 2
- b) 3
- c) 1
- d) More than 3

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

- a) App_Code
- b) App_Data
- c) Bin
- d) App_LocalResources

27. ASP.NET tags always begin with the prefix_____.

- a) input type
- b) <a>

- c) asp:
- d) <div>

28. _____ property displays a text message when the user hovers the mouse above the control.

- a) ToolTip
- b) AccessKey
- c) Controls
- d) Font

29. _____ control is a server-side equivalent of the (unordered list) and (ordered list) elements.

- a) ListBox
- b) DropDownList
- c) BulletedList
- d) CheckBoxList

30. _____ property indicates whether a list box allows single selection or multiple selections.

- a) SelectedIndex
- b) SelectedValue
- c) SelectionMode
- d) Items

31. Which of the following Web control provide CheckedChanged event?

- a) Button
- b) RadioButton
- c) TextBox
- d) ListBox

32. Which of the following object is not an ASP component?

- a) LinkCounter
- b) Counter
- c) AdRotator
- d) File Access

33. Why is Global.asax is used?

- a) Declare Global variables
- b) Implement application and session level events
- c) No use
- d) Declare variables

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

- a) `runat="server"`
- b) `runat="web-server"`
- c) `ID="server"`
- d) `ID="web-server"`

35. If we want to add graphics using asp.net which of the following web control will you use?

- a) Link Button
- b) AdRotator
- c) Grid View
- d) Layout

36. 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"`

37. How do you create a TextBox for retrieving a password from a user?

- a) Set TextMode property of the TextBox control to Secret.
- b) Set Mode property of the TextBox control to Password.
- c) Set Text property of the TextBox control to Password.
- d) Set TextMode property of the TextBox control to Password.

38. What is the file extension of web service in ASP.NET?

- a) .ascx
- b) .asmx
- c) .aspx
- d) .docx

39. Which protocol is used for requesting a web page in ASP.NET from the Web Server?

- a) HTTP
- b) TCP
- c) SMTP
- d) FTP

40. Which is the mandatory property for all validation controls?

- a) ControlToValidate
- b) Message
- c) EnableClientScript
- d) EnableServerScript

41. Lots of websites uses ____ control to display the advertisements on the web page.

- a) AdRotator
- b) AdAdvertisement
- c) AdMixed
- d) AdPromptor

42. Calendar control supports ____property that allows you to select a single day, week, or entire month

- a) Current Mode
- b) SelectionMode
- c) Select Mode
- d) ViewDate Mode

43. The ____ control displays a multi level navigation menu

- a) <asp:TreeView>
- b) <asp:Menu>
- c) <asp:SiteMapPath>
- d) <asp:SiteMapDataSource>

44. Rules for creating a sitemap file:

- a) The XML file must not contain a <siteMap> tag surrounding the content
- b) The <siteMap> tag can have multiple <siteMapNode> child node

- c) Each <siteMapNode> can have several child nodes (web pages)
- d) Each <siteMapNode> has attributes defining Page navigation

45. Which Name space is used to create chart using ASP.Net MVC?

- a) using System.Web.Mvc
- b) using System.Web.Helpers
- c) using System.Web.Chart
- d) using System.Chart

46. The method applied to change the styles of the elements in a ASP.NET webpage is called

- a) master page
- b) child page
- c) cascading-style sheets
- d) UTF-8

47. Which of the following web server control used as container for other server controls in a ASP.NET webpage?

- a) Placeholder
- b) Panel
- c) Table
- d) ImageMap

48. Which webserver is developed by Microsoft?

- a) Apache Tomcat
- b) Caudium
- c) Internet Information Services (IIS)
- d) WEBrick

49. Which protocol is used to transfer files from localhost to remote host?

- a) HTTP
- b) FTP
- c) TCP
- d) UDP

50. Which command is used to specify settings of an .aspx file?

- a) Class
- b) Directives

- c) Events
- d) Validation

Unit 3 MCQ's

1. Which of these keywords is not a part of exception handling?

- a) try
- b) finally
- c) thrown
- d) catch

2. Which of these keywords are used for the block to handle the exceptions generated by try block?

- a) try
- b) catch
- c) throw
- d) check

3. Which among the following is NOT an exception?

- a) Stack Overflow
- b) Arithmetic Overflow or underflow
- c) Incorrect Arithmetic Expression
- d) Devide by Zero

4. Select the correct statement about an Exception?

- a) It occurs during loading of program
- b) It occurs during Just-In-Time compilation
- c) It occurs at run time
- d) Its always the mistake of User

5. Which of the following keyword can be used to rethrow an exception in C#:

- a) return
- b) throw
- c) re-throw
- d) create

6. _____ uses a hidden field that ASP.NET automatically inserts in the final, rendered HTML of a web page.

- a) Caption
- b) View state

- c) Button state
- d) Application State

7. The _____ is a dictionary collection, which means every item is stored in a separate “slot” using a unique string name.

- a) StateBag
- b) Variable
- c) Datatype
- d) View

8. ASP.NET uses a _____ to make sure your view-state information can't be altered without your knowledge.

- a) view code
- b) app code
- c) password
- d) hash code

9. A _____ postback is a technique that extends the postback mechanism.

- a) pageing
- b) Cookies
- c) URL encoding
- d) cross-page

10. The _____ is the portion of the URL after the question mark.

- a) string
- b) URL encoding
- c) query string
- d) app string

11. If your view state contains some information you want to keep secret, you can _____ viewstate encryption.

- a) enable
- b) mute
- c) view
- d) disable

12. _____ are small files that are created in the web browser's memory or on the client's hard drive.

- a) Cookies
- b) session
- c) variable
- d) string

13. _____ allows you to store any type of data in memory on the server.
- a) Pageing
 - b) Cookies
 - c) Session-state
 - d) StateBag
14. _____ Provides a string with the unique session identifier for the current client.
- a) Application
 - b) Cookies
 - c) Sessionit
 - d) SessionID
15. _____ removes all the session items but doesn't change the current session identifier.
- a) undo()
 - b) Commit()
 - c) Cancel()
 - d) Clear()
16. You configure session state through the _____ file for your current application
- a) web.config
 - b) global
 - c) aspx
 - d) aspx.cs
17. The _____ setting specifies the number of minutes that ASP.NET will wait, without receiving a request, before it abandons the session.
- a) id
 - b) del
 - c) timeout
 - d) wait
18. The _____ control navigates to the page specified in its NavigateUrl property.
- a) HyperLink
 - b) button
 - c) label
 - d) textbox
19. _____ allows you to store global objects that can be accessed by any client.
- a. Object

- b. Access
- c. Stateless
- d. Application state

20. _____ provides the number of items in the current session collection

- a) Item
- b) ID
- c) Count
- d) Number

21. URL stands for _____.

- a) Union Resource Loader
- b) Uniform Resource Locator
- c) Universal Resource Locator
- d) Uniform Resource Loader

22 _____ is work transparently, without the user being aware that information needs to be stored.

- a) Session
- b) Data
- c) View
- d) Cookies

23 . Which control is required inside a content page to reference ContentPlaceHolder control inside the master page?

- a) Content control on a content page.
- b) ContentPlaceHolder on a content page.
- c) Placeholder control is required on content page.
- d) Placeholder control on web page.

24. When you add a theme folder, what will be the name of that folder ?

- a) Theme
- b) App_Code
- c) App_Theme
- d) App_Themes

25. _____ property cannot be assigned to ASP.net controls inside the SkinFile.skin

- a) ControlID
- b) SkinID
- c) ContentID
- d) PanelID

26. _____ must be assigned to the ASP.net controls inside the SkinFile.skin

- a) ControlID
- b) SkinID
- c) ContentID
- d) PanelID

27. 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) Design

28. The method applied to change the styles of the elements in a ASP.NET webpage is called _____

- a) master page
- b) child page
- c) css
- d) UTF-8

29. Using which type of stylesheet we can change the style of an element in the entire website?

- a) Internal Stylesheet
- b) External Stylesheet
- c) Inline Stylesheet
- d) Embedded Stylesheet

30. Which of these keywords must be used to monitor exceptions?

- a) try
- b) finally
- c) throw
- d) catch

31. Which object data is included in bookmarks and e-mailed URLs?

- a) ViewState
- b) cookies
- c) Query strings
- d) ApplicationState

32. Which Session Mode Serialization is not required to store the data?

- a) Off
- b) InProc
- c) StateServer
- d) SQLServer

33. Which object in ASP.NET provides a global storage mechanism for state data that needs to be accessible to all pages in a given Web application?

- a) Session
- b) Application
- c) ViewState
- d) ClientState

34. When a User's Session times out which event should you respond to?

- a) Application_Start
- b) Session_End
- c) Session_Start
- d) Application_End

35. From the following which is not a valid state management object?

- a) Querystate
- b) Cookies
- c) Application state
- d) Hidden form fields

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

- a) Application Object
- b) Session Object
- c) Response Object
- d) Request Object

37. What is full form of CSS?

- a) Crystal Style Sheet
- b) Cascading Spread Sheet
- c) Cascading Style Sheet
- d) Cascading Support Sheet

38. What is sequence for creating CSS in Visual Studio ?

Step 1: From Toolbox , drag necessary controls

Step 2 : Create a ASP.net Web Site

Step 3 : Change to Design view and open Default page

Step 4 : Set the properties

- a) Step 1->Step 2->Step 3 ->Step 4
- b) Step 2->Step 3->Step 4 ->Step 1
- c) Step 4->Step 2->Step 1 ->Step 3
- d) Step 2->Step 3->Step 1 ->Step 4

39. What is the advantage of Class Selector ?

- a) To apply setting once per page
- b) To group multiple selectors
- c) To give same formatting to all HTML elements
- d) To use global setting

40. Which type of page gives standard behaviour for all pages in application?
- a) Master Page
 - b) Layout page
 - c) Web page
 - d) Default Page
41. What are the things automatically attached with Content Page?
- a) Page Header
 - b) Page Footer
 - c) Content Place Holder
 - d) Reference list
42. Which is the way to bind Master Page to Existing ASP.Net page?
- a) To Add Content Place Holder
 - b) To Add @Page directive
 - c) To create Master directive
 - d) To provide intersperse content
43. _____ uses a hidden field that ASP.NET automatically inserts in the final, rendered HTML of a web page.
- a) Caption
 - b) View state
 - c) Button state
 - d) Application State
44. ASP.NET uses a _____ to make sure your view-state information can't be altered without your knowledge.
- a) view code
 - b) app code
 - c) password
 - d) hash code
45. _____ removes all the session items but doesn't change the current session identifier.
- a) undo()
 - b) Commit()
 - c) Cancel()
 - d) Clear()
46. _____ allows you to store global objects that can be accessed by any client.
- a) Object
 - b) Access
 - c) Stateless
 - d) Application state
47. Which of the following is not server side state management technique available in ASP.NET?
- a) Profile Properties

- b) Application State
- c) Session State
- d) Control State

48. Which object data is included in bookmarks and e-mailed URLs?

- a) View State
- b) Session State
- c) Query String
- d) Cookies

49. In Query String, multiple query strings can be specified in the URL by separating them

- a) ,
- b) ;
- c) ?
- d) &

50. _____ is a small piece of information stored on the client machine which was sent by web server.

- a) Hidden Field
- b) Application State
- c) Session
- d) Cookies

UNIT 4

1. -----IS technology used to design asp.net program for data access

- a) ADO SQL ACCESS
- b) ADO.NET
- c) ORACLE
- d) SQL

2. TO design WEB APPLICATION WE NEED

- a) SQL
- b) DBMS
- c) RDBMS
- d) ORACLE

3. -----EXPLORER IS USED TO CREATE DATABASE

- a) SERVER
- b) SOLUTION
- c) TOOLBAR
- d) DATABASE

4. TO Creat new dataconnection which data source we require
 - a) server client
 - b) microsoft sql client
 - c) microsoft sql server(sqlClient)
 - d) sql server

5. sql is standard data access language used to interact with-----database
 - a) access
 - b) sql
 - c) relational
 - d) oracle

6. following is not standard symbol used in query
 - a) *
 - b) %
 - c) C)
 - d) :

7. following is NOT a SQL aggregate fuction
 - a) avg
 - b) sum
 - c) mul
 - d) count

8. which namespace is not used for ado.net
 - a) system.data
 - b) system.data.sqlcommand
 - c) system.data.sqlClient
 - d) system.sql

9. to read data from dataset ----- class is used.
 - a) data reader
 - b) data adpter
 - c) adapter
 - d) fill

10. open() and close() are methods of----- class.
 - a) sqlcommand
 - b) sqlconnection

- c) sqldata
- d) sqlreader

11. The is a series of distinct pieces of information seperated by semicolons.

- a) string
- b) query
- c) connection
- d) connectionstring

12. executeReader() is method ofclass

- a) Reader
- b) Connection
- c) SqlCommand
- d) Adapter

13. In disconnected data access model is used to keep copy of data in memory

- a) table
- b) databse
- c) dataset
- d) adpater

14. fill() is method of-.....

- a) datatable
- b) dataset
- c) data adapter
- d) datareader

15. . 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 data.

16. How do you determine the actual SQL data type of a SqlParameter (the type expected by the SQL Server)?

- a) It is the .NET Framework data type in your application that the parameter represents.

- b) It is the type of column or data in SQL Server that the command expects.
- c) It is the type of column in a DataTable that it represents.
- d) It is any type defined in the SqlDbType Data Type enumeration.

17. 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) System.Data.SqlConnect

18. 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"

19. 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) sqlConnOpen() and sqlConnClose()

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

- a) DataReader
- b) Dataset
- c) DataAdapter
- d) DataTables

21. What are the three main objects when working with a DataSet?

- a) DataTable, DataColumn, and type.
- b) DataTable, DataRelation, and DataAdapter.
- c) DataTable, DataColumn, and DataRelation.
- d) DataReader, DataAdapter, and Command.

22. What are the steps to create a DataTable programmatically?
- Instantiate a new DataTable and add DataColumn objects to the DataTable.Columns collection.
 - Run the Data Source Configuration Wizard.
 - Instantiate a new DataSet object.
 - Instantiate a new DataAdapter object.
23. On what object would you set the properties to create a primary key for a DataTable?
- DataRelation
 - DataColumn
 - DataSet
 - DataTable
24. Which Data Provider gives the maximum performance when connect to SQL Server?
- The SqlClient data provider.
 - The OLE DB data provider.
 - The Oracle data provider
 - The ODBC data provider
25. Which ADO .Net class provide disconnected environment?
- DataReader
 - DataSet
 - Command
 - SQLCmd
26. Which database is the ADO.NET SqlConnection object designed for?
- Access
 - Microsoft SQL Server
 - MySQL
 - Oracle
27. The first step of configuring a DataAdapter is to select:
- An adapter object.
 - A connection object.
 - A database object.
 - A dataset object.
28. To perform Insert, Update and Delete Command which method is used?
- ExecuteScalar
 - ExecuteReader
 - ExecuteNonQuery

d) ExecuteQuery

29. How do you execute multiple SQL statements using a DataReader?

- a) Call the ExecuteReader method of two Command objects and assign the results to the same instance of a DataReader.
- b) Call the ExecuteReader method of a single Command object twice.
- c) Set the Command.CommandText property to multiple SQL statements delimited by a semicolon.
- d) Set the Command.CommandType property to multiple result sets.

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

- a) ExecuteNonQuery
- b) ExecuteReader
- c) ExecuteXmlReader
- d) ExecuteScalar

31. Which ADO.NET class provide Connected Environment?

- a) DataReader
- b) DataSet
- c) Command
- d) DataAdapter

32. Which ADO.NET class provide Disconnected Environment?

- a) DataReader
- b) DataSet
- c) Command
- d) DataAdapter

33. What are the three main objects of DataSet?

- a) DataTable, DataColumn, and type.
- b) DataTable, DataRelation, and DataAdapter.
- c) DataTable, DataColumn, and DataRelation.
- d) DataReader, DataAdapter, and Command.

34. Which file you should write for the connection string, so that you can access it in all the web pages for the same application?

- a) In App_Data folder
- b) In Web.config file
- c) In MasterPage file
- d) In ASPWebPage

35. _____ is a model used by net framework to communicate with database for retrieving and storing data with the help of various built in classes.

- a) XML
- b) LINQ
- c) ADO.NET

d) AJAX

36. _____ IS technology used to design asp.net program for data access

- a) ADO
- b) ADO.NET
- c) ORACLE
- d) SQL

37. ----EXPLORER IS USED TO CREATE DATABASE

- a) SERVER
- b) FILE
- c) TOOLBAR
- d) DATABASE

38. TO Create new dataconnection which data source we require

- a) server client
- b) microsoft sql client
- c) microsoft sql server(sqlClient)
- d) server

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- b) sum
- c) mul
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40. Which namespace is not used for ado.net?

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- b) data adapter
- c) adapter
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- a) reader
 - b) connection
 - c) sqlcommand
 - d) adapter
45. In disconnected data access model is used to keep copy of data in memory
- a) table
 - b) databse
 - c) dataset
 - d) adapter
46. 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) Form
47. Which method do you invoke on the DataAdapter control to load your generated dataset with data?
- a) Load
 - b) Fill
 - c) GetAll
 - d) SetAll
48. How do we Delete, Update, Select data in a Dataset
- a) Using SqlDataAdapter
 - b) Using SqlDataReader
 - c) Using SqlCommand
 - d) Using SQLDelete
49. Which of the following is not a member of ConnectionObject
- a) Execute

- b) EndTransaction
- c) BeginTransaction
- d) Open

50. 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.Execute

UNIT 5

1. What s the full form of XML?

- a) XML markup language
- b) B Extensible markup language
- c) Xaml markup language
- d) Example markup language

2. What is the main use of XML?

- a) To transport data
- b) To verify data
- c) To design data
- d) To validate data

3. Which attribute is used to define namespace?

- a) XMLAttribute
- b) Xmlns
- c) XMLNamespace
- d) XMLDocument

4. XML Schema consists

- a) Properties & Methods
- b) Elements & Attributes
- c) Structure & Data
- d) Tables & Relationships

5. In XML, what is identified by a URI reference?

- a) XML namespace
- b) XSLT
- c) Schema

- d) DLT
6. _____ is the default authentication type provided for Asp.Net.
- a) Form Authentication
 - b) Windows Authentication
 - c) Passport Authentication
 - d) Profile Authentication
7. Which event is not there for Login control
- a) LoggingIn
 - b) LoggedIn
 - c) LoginError
 - d) LoginStatus
8. Which tool is used to manage all the security settings for application in ASP.Net
- a) Website Administration Tool
 - b) Website User Tool
 - c) Authentication Tool
 - d) Page Administration Tool
9. How to implement authentication via web.config?
- a) Include the authentication element
 - b) Include the authorization element.
 - c) Include the identity element.
 - d) Include the deny element.
10. Where do you set authentication mode in ASP.Net application?
- a) Using global.asax file
 - b) Using cookies
 - c) Using webconfig file
 - d) Using web services
11. Which of the following is TRUE about Windows Authentication in ASP.NET?
- a) Automatically determines role membership
 - b) Role membership determined only by user programming
 - c) ASP.NET does not support Windows Authentication
 - d) ASP.Net does not support Authorization

12. _____ element in the web.config file to run code using the permissions of a specific user

- a) < credential> element
- b) < authentication> element
- c) < authorization> element
- d) < identity> element

13. Which of the following is the default authentication mode for IIS?

- a) Windows
- b) Anonymous
- c) Basic Authentication
- d) Profile

14. Where do we include the user lists for Form authentication?

- a) < Identity>
- b) < authentication>
- c) < credential>
- d) < authorization>

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

- a) Form
- b) User
- c) Profile
- d) Windows

16. Which security control is used to check the status of login

- a) Login
- b) LoginName
- c) LoginView
- d) LoginStatus

17. Which Namespace Allows Us To Form authentication ?

- a) System.Web.Ui.Forms.Security
- b) System.Web.Security
- c) System.Web.Configuration
- d) System.Web.Authentication

18. An UpdatePanel control defined on a page. Button control is placed outside of the UpdatePanel. How to cause the UpdatePanel to execute an update.

- a) Set the Trigger attribute of the UpdatePanel to the ID of the Button control
 - b) Set the AsyncPostBackTrigger attribute of the Button control to the ID of the UpdatePanel
 - c) Place the button control on the update panel without script manager.
 - d) Add an AsyncPostBackTrigger control to the Triggers section of the UpdatePanel. Set the ControlID attribute of the AsyncPostBackTrigger control to the ID of the Button control.
19. Which control is required for every page that have AJAX Extensions for ASP.NET?
- a) UpdatePanel
 - b) ScriptManager
 - c) ContentPanel
 - d) AsyncPostBackTrigger
20. Which control is required of every AJAX page to manage the JavaScript files sent to the client and the communication between client and server?
- a) UpdatePanel
 - b) ScriptManager
 - c) AsyncPostBackTrigger
 - d) ContentPanel
21. How many 'ScriptManager' control can be added on a ASP.NET web page?
- a) Only One
 - b) More than One
 - c) Only Two
 - d) More than two
22. Which control can be used to update only the portion of the page?
- a) UpdatePanel
 - b) ScriptManager
 - c) AsyncPostBackTrigger
 - d) ContentPanel
23. Which of the following technology is not used by Ajax?
- a) JavaScript
 - b) XMLHttpRequest
 - c) Document Object Model

- d) Flash
24. How many types of triggers are present in update panel?
- a) 2
 - b) 3
 - c) 4
 - d) 5
25. All of the following are controls of Ajax except.....
- a) ScriptManager
 - b) ScriptManagerProxy
 - c) UpdateData
 - d) UpdatePanel
26. AJAX Stands for:
- a) Asynchronous Javascript and XML
 - b) Abstract JSON and XML
 - c) Another Java Abstraction for X-Windows
 - d) Another Java and XML Library
27. What makes Ajax unique?
- a) It works as a stand-alone Web-development tool.
 - b) It works the same with all Web browsers.
 - c) It uses C++ as its programming language.
 - d) It makes data requests asynchronously.
28. What does the XMLHttpRequest object accomplish in Ajax?
- a) It's the programming language used to develop Ajax applications.
 - b) It provides a means of exchanging structured data between the Web server and client.
 - c) It provides the ability to asynchronously exchange data between Web browsers and a Web server.
 - d) It provides the ability to mark up and style the display of Web-page text.
29. _____ Of the following technologies, which one provides the ability to dynamically interact with Web page layout?
- a) JavaScript
 - b) XML

- c) Document Object Model
- d) HTML

30. Which of the following is property of the UpdatePanel ?

- a) UpdateState
- b) UpdateMode
- c) UpdateTemplate
- d) UpdateTrigger

31. _____ controls to keep users informed about the status of partial-page updates.

- a) UpdatePanel
- b) UpdateProgress
- c) Triggers
- d) ScriptManager

32. Where do you set authentication mode in ASP.Net application

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- b) Using cookies
- c) Using webconfig file
- d) Using web services

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- d) LoginStatus

36. _____ is the default authentication type provided for Asp.Net.

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- b) Windows Authentication
- c) Passport Authentication

d) Profile Authentication

37. Which allows Hyperlinks to point to specific parts of the XML documents?

- a) XPath
- b) XSLT
- c) XLINK
- d) Xpointer

38. XML tags are

- a) Case Sensitive
- b) Case Insensitive
- c) Complex
- d) Combination of Small and Capital

39. How to define empty XML element?

- a) <simple></simple>
- b) <Simple>
- c) <Simple></Simple>
- d) <simple>

40. What is used to check XML syntax errors?

- a) XML validator
- b) XML parser
- c) Browser
- d) XMLGenerator

41. DOM stands for?

- a) Document oriented Model.
- b) Document Object Model
- c) D Object Model
- d) Document Object Method

42. Which of the following is not XML function?

- a) Store Data
- b) Style Data
- c) Structure Data
- d) Transport Data

43. DTD stands for?

- a) Document Test Document
- b) Document Type Definition
- c) Dynamic Type Document
- d) Document Test Data

44. XML uses the features from language?

- a) SGML
- b) HTML

- c) XSLT
- d) XHTML

45. How to write a comment in an XML document?

- a) <?----?>
- b) <!-- !>
- c) <!-- -->
- d) </-- --/>

46. Which interface you will use wrap an AJAX client control into a custom server control?

- a) IScriptManager
- b) IScriptControl
- c) IScriptAJAX
- d) IScriptPanel

47. You use the ASP.NET Web Site Administration Tool to configure ASP.NET membership with forms authentication. What should you name your login form so that you do not have to modify the Web.config file?

- a) Login.aspx
- b) LoginPage.aspx
- c) Default.aspx
- d) Auth.aspx

48. Which of the following control provides a link for unauthenticated users to log on?

- a) Login
- b) LoginView
- c) LoginStatus
- d) LoginName

49. _____ is the server support AJAX?

- a) WWW
- b) SMTP
- c) HTTP
- d) FTP

50. How many types of triggers are present in update panel?

- a) 2
- b) 3
- c) 4
- d) 5