

Time : 2½ Hours]**[Total Marks : 70****Instruction :** MCQs answer should be written in given answer sheet.**1. Multiple Choice Questions :****20**

- (1) The first event triggers in an aspx page is
 - (a) Page_Init()
 - (b) Page_Load()
 - (c) Page_Click()
 - (d) Page_Start()
- (2) Where do we include the user lists for windows authentication ?
 - (a) <credential>
 - (b) <authorization>
 - (c) <identity>
 - (d) <authentication>
- (3) Caching type supported by ASP.Net
 - (a) Output caching
 - (b) Data caching
 - (c) (a) and (b)
 - (d) None of the above
- (4) Which attribute must be set on a validator control for the validation to work ?
 - (a) ControltoValidate
 - (b) ControltoBind
 - (c) ValidateControl
 - (d) Validate
- (5) How do you get information from a form that is submitted using the "Post" method ?
 - (a) Request.QueryString
 - (b) Request.Form
 - (c) Response.Write
 - (d) Response.WriteLine
- (6) File extension used for ASP.NET files
 - (a) .Web
 - (b) .ASP
 - (c) .ASPX
 - (d) .config
- (7) The .NET framework provides a runtime environment called _____.
 - (a) RMT
 - (b) CLR
 - (c) RCT
 - (d) CTS
- (8) Which of the following is not a member of connected Architecture ?
 - (a) ExecuteScalar
 - (b) ExecuteStream
 - (c) ExecuteOpen
 - (d) ExecuteReader

- (9) Which of the following ASP.NET object encapsulates the state of the client ?
(a) Session (b) Application
(c) Response (d) Server
- (10) What is the base class from which all web forms inherit ?
(a) Master page (b) Page class
(c) Session class (d) None
- (11) Default session data is stored in ASP.Net.
(a) StateServer (b) Session Object
(c) InProcess (d) All of the above
- (12) An alternative way of displaying text on web page using
(a) asp:label (b) asp:listitem
(c) asp:button (d) asp:click
- (13) Mode of storing ASP.NET session.
(a) InProc (b) StateServer
(c) SQL Server (d) All of the above
- (14) We can manage states in asp.net application using _____ object.
(a) Session (b) Application
(c) Viewstate (d) All of the above
- (15) WSDL stands for _____ .
(a) Web Server Description Language
(b) Web Server Descriptor Language
(c) Web Services Description Language
(d) Web Services Descriptor Language
- (16) Which of the following method must be overridden in a custom control ?
(a) Paint() (b) Control_Build()
(c) Default() (d) Render()
- (17) Which of the following is faster and consume lesser memory ?
(a) SqlDataReader (b) Data Set
(c) Both (d) None
- (18) Which of the following authentication is best suited for a corporate network ?
(a) Form (b) Windows
(c) User (d) All
- (19) In .NET the operation of reading metadata and using its contents is known as _____
(a) Binding (b) Enumeration
(c) Reflection (d) Serialization
- (20) Suppose a .NET programmer wants to convert an object into a stream of bytes then the process is called _____ .
(a) AppDomain (b) Threading
(c) RCW (d) Serialization

2. (a) Answer the following : (any **three**) 6
- (1) What is .NET Framework ?
 - (2) Difference between Constants and Read-only variables.
 - (3) What is an IL ?
 - (4) What is Manifest ?
 - (5) What is CTS ?
 - (6) State the differences between the *Dispose()* and *Finalize()*.
- (b) Answer the following : (any **three**) 9
- (1) What is the role of the JIT compiler in .NET framework ?
 - (2) Describe the roles of CLR in .NET Framework.
 - (3) Explain Panel Control.
 - (4) Mention different types of data providers available in ADO.NET framework.
 - (5) Explain *DataReader Class*.
 - (6) Explain *DataGridView Class*.
- (c) Answer the following : (any **two**) 10
- (1) Explain the complete lifecycle of a Web page.
 - (2) Explain the major built-in objects in ASP.NET.
 - (3) Explain ASP.NET framework.
 - (4) Explain ADO.NET in brief.
 - (5) Explain Web Form controls.
3. (a) Answer the following : (any **three**) 6
- (1) Which namespaces in .NET are used for XML ?
 - (2) What is SOAP ?
 - (3) What is the basic difference between ASP and ASP.NET ?
 - (4) What is the difference between Authentication and Authorization ?
 - (5) What are the event handlers that can be included in the Global.asax file ?
 - (6) Explain Repeater Control.
- (b) Answer the following : (any **three**) 9
- (1) What are the advantages of the Code-behind feature ?
 - (2) Explain the difference between XML and HTML.
 - (3) Explain the *AdRotator* Control.
 - (4) What is an XML schema ?
 - (5) Explain the WSDL.
 - (6) Explain Validation Summary Control.

(c) Write a program code : (any two)

- (1) Write a page that uses the concept of storing view state. Keep a counter, which is incremented each time the page is post back by clicking a button on the page. A label control shows the value in the counter.
- (2) Write a program that has a text box control where the user can enter name, a button to send the information to the server and a label control to display the URL of the client computer.
- (3) Write a program that will create a table Students, add columns (ID, Name, City), rows and data into it and display the table using a GridView object.
- (4) Write a program that create form has a FileUpload control along with a save button and a label control for displaying the file name, file type and file length.
- (5) Write a program that uses a basic HTML table for layout. Design following page. When button clicked to get the user data displayed on the last row of the table.

Name	<input type="text"/>
Street	<input type="text"/>
City	<input type="text"/>
State	<input type="text"/>
<input type="button" value="Click"/>	
