B. C. A. (Sem. V) (CBCS) Examination
October / November – 2016
Programming with ASP.NET

Faculty Code : 003

Subject Code : 003508

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

1   Answer the following questions :   **20**

(1)   Which of the control denote the web control associated with Table control function of ASP.NET?

(2)   ASP.NET separates the HTML output from program logic using a feature named as _____.

(3)   I have a page loaded from server memory. At this instance which of the following methods gets fired?

(4)   Which namespaces are required to enable the use of databases in ASP.NET pages?

(5)   Which directive is require to add a custom control to a Web form ?

(6)   What is a Global.asax file ?

(7)   What is the base class from which all Web forms inherit ?

(8)   Write a full form of WSDL.

(9)   Which property is common property in every validation control?

(10) What is the full form of ADO?

(11) Give Name the method that needs to be invoked on the DataAdapter control to fill the generated DataSet with data?

(12) Which property is used to identify the Page is Post Back in ASP.NET?

(13) Which .NET components can be used to remove unused references from the managed heap?

(14) What is used to validate complex string patterns like an e-mail address?

(15) Which control is used for alternative way of displaying text on web page?

(16) How do you get information from a form that is submitted using the "post" method?

(17) Which method is used to kill user session explicitly?

(18) How we can register a user control?

(19) Which control does not have any visible interface?

(20) Which attribute is used to transformed HTML element to HTML Server Control?

2   (a)   Attempt any **three** :   6

    (1)   Differentiate: ExcuteScalar( ) *V/s* ExcureNonQuery( )

    (2)   Explain web.config file.

    (3)   Explain : Listbox with example.

    (4)   Differentiate : DataTable *V/s* Dataset

    (5)   Explain : Custom error handling

    (6)   Explain Application State in details.

  (b)   Attempt any **three** :   9

    (1)   Explain HTML Controls in detail.

    (2)   Explain File upload control in ASP.NET.

    (3)   Explain Session in ASP.NET with example.

    (4)   Explain Global.asax File in brief.

    (5)   Explain SOAP and WSDL.

    (6)   Explain in detail : Command Class and Connetion Class.

(c)   Attempt any **two** :   10

    (1)   Explain ADO.NET Architecture in detail.

    (2)   Write a program that contains a FileUpload Control, Image control and Upload Button. When the file gets uploaded the file is saved to the folder named Images. The image control automatically displays the uploaded file. (Only jpg and bmp file types are allowed to upload).

    (3)   Write program that contains following controls : DropdownList and GridView.
TheDorpDownList displays a list of authors. On the selection of the new author Display the matching title and subject in the GridView control.

    (4)   Explain Validation Controls with example.

    (5)   Give brief detail about the ADO.Net Connected and Disconnected Architecture.

3   (a)   Attempt any **three** :   6

    (1)   Client side validation v/s Server side validation

    (2)   Explain PostBack with example.

    (3)   Explain ASP.Net Page Life Cycle Events.

    (4)   Differentiate checkbox and checkboxList

    (5)   Write a short note on Masterpage.

    (6)   List all the Standard Controls in ASP.NET. Explain any two in detail.

(b)   Attempt any **three** :   9

    (1)   Write an Installation steps for IIS.

    (2)   Explain Repeater control in ASP.NET.

    (3)   Discuss file types available in ASP.NET.

    (4)   Explain Calendar control in ASP.NET.

    (5)   Explain AdRotator Control.

    (6)   Explain asp textbox and its properties (any 3 property).

(c) Attempt any **two** : 10

    (1)   What is ASP.Net? Explain features of ASP.Net.

    (2)   Explain structure of ASP.Net Page.

    (3)   Bind a dropdown list to an array containing five colors, then create a submit button that displays a line of text in the selected color when clicked.

    (4)   Create an ASP.NET page that contains textboxes in which a user can enter his/her name, address and telephone number. Using session, display this information on a separate ASP.NET page.

    (5)   Explain types of state management with example.

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