- 2   Demonstrate Page Life Cycle of ASP.NET. Use important page events for your demonstration.
    - o   Demonstrate Page Life Cycle of ASP.NET.   (20)
    - o   Use important page events for your demonstration.   (10)

- 3 Write VB.Net/C# console applications to demonstrate: OO concepts: polymorphism, encapsulation, inheritance, interface inheritance, abstract classes/methods, overloading, overriding, collection classes, properties
    - o   OO concepts: polymorphism, encapsulation, inheritance, interface inheritance, abstract   (20)
    - o   abstract classes/methods, overloading, overriding, collection classes, properties
                                                                                        (10)

- 4   Demonstrate concept of postback and viewstate using web form server controls of ASP.NET
    - o   Demonstrate concept of viewstate using web form server controls of ASP.NET.
                                                                                        (20)
        - o   Also use concept of postback using web form server controls of ASP.NET
                                                                                        (10)

- 5   Demonstrate various Web form server controls using sample data entry screen form for registering for a service on a website. Also use validation controls to validate input data.
    - o   Demonstrate various Web form server controls using sample data entry screen form for registering for a service on a website.   (20)
    - o   Also use validation controls to validate input data.   (10)

- 6   Demonstrate DropDown List box, CheckButtonList, RadioButtonList controls.
    - o   Demonstrate DropDown List box, CheckButtonList.   (20)
    - o   RadioButtonList controls   (10)

- 7 Demonstrate Data Binding using Hashtable, ArrayList, DataTable data sources.
    - o   Demonstrate Data Binding using Hashtable, ArrayList.   (20)
    - o   And use DataTable data sources.   (10)

- 8 Demonstrate Repeater control with the help of various templates.
    - Demonstrate Repeater control.   (20)
    - With the help various templates.   (10)

- 9 Demonstrate paging, sorting,filtering of data in asp:DataGrid/DataGridView.
    - Demonstrate paging, sorting of data in asp:DataGrid/DataGridView (20)
    - And use filtering of data in asp:DataGrid/DataGridView. (10)

- 10 Demonstrate editing process in DataGrid and DataList controls. Make use of necessary templates for proper visual appearance.
    - Demonstrate editing process in DataGrid and DataList controls. (20)
    - Make use of necessary templates for proper visual appearance. (10)

- 11 Demonstrate State Management features of ASP.NET using sample shopping cart application.
    - Demonstrate State Management features of ASP.NET.   (20)
    - using sample shopping cart application.   (10)

- 12 Create sample websites for demonstrating use of Profiles/Themes using skin files.
    - Create sample websites for demonstrating use of Profiles/Themes. (20)
    - using skin files.   (10)

- 13 Demonstrate Master Pages and website navigation controls(sitemap path, treeview, menu) using SiteMap file.
    - Demonstrate Master Pages and website navigation controls(sitemap path, treeview, menu).   (20)
    - using SiteMap files.   (10)

- 13 14   Demonstrate Properties of website navigation controls.
    - Demonstrate website.   (20)
    - Using navigation controls.   (10)

- 16   Demonstrate creation of simple/complex DataReader/DataSet Objects.
    - Demonstrate creation of simple/complex DataReader.   (20)
    - Demonstrate creation of DataSet Objects.   (10)

- 17   Demonstrate editing in DataTable objects.
    - Demonstrate creation DataTable objects.   (20)
    - And creation of DataTable objects.   (10)

- 18   Demonstrate Web Service hosting, access in ASP.NET
    - Demonstrate Web Service hosting.   (20)
    - Demonstrate Web Service access.   (10)