**Cuprins**

|  |  |
| --- | --- |
| **Introduction** | |
| 1.What is ASP.NET(Active Server Pages) | Pg.1 |
| 2.Creating ASP.NET WebSite | Pg.1 |
| 3.ViewState in ASP.NET | Pg.2 |
| 4.Events in the life cycle of a web app | Pg.5 |
| 5.Diffrence between ViewState, SessionState and ApplicationState in ASP.NET | Pg.6 |
| 6.Events in a page life cycle of an APS.NET web application | Pg.7 |
| 7.Server Control | Pg.8 |
| 8.IsPostBack (Page level Property) | Pg.9 |
| 9.IIS –Internet Information Services and ASP.NET | Pg.10 |
| **TextBox and Button Controls** | |
| 10.TextBoxControl | Pg.13 |
| 11.Radio Button Control | Pg.14 |
| 12.CheckBoxControl | Pg.15 |
| 13.HyperLinkControl | Pg.16 |
| 14.Button, LinkButton and Image Button | Pg.17 |
| 15.Command Event | Pg.17 |
| **DropDownLists** | |
| 16.DropDownList Control | Pg.18 |
| 17.Data Binding ASP.NET DropDownList with data from the database | Pg.19 |
| 18.Data binding DropDownList to an XML file | Pg.19 |
| 19.Server Map.Path() | Pg.20 |
| 20.Server Map.Path() Example | Pg.20 |
| 21.Retrieving selected item text, value and index of a DropDownList | Pg.21 |
| 22.Cascading DropDownList | Pg.21 |
| **CheckBoxList, ListBox, RadioButtonList and BulletedList** | |
| 23.CheckBoxList Control | Pg.24 |
| 24.CheckBoxList (Select or deselect all items) | Pg.25 |
| 25.ListBoxControl | Pg.25 |
| 26.CheckBoxList and ListBox real time example | Pg.26 |
| 27.RadioButtonList | Pg.26 |
| 28.BulletedList | Pg.27 |
| 29.List Controls | Pg.27 |
| **FileUpload, AdRotator and HiddenField** | |
| 30.FileUpload | Pg.29 |
| 31.AdRotator control | Pg.30 |
| 32.Calendar control | Pg.31 |
| 33.Calendar control proprieties | Pg.31 |
| 34.Hidden Field | Pg.32 |
| **MultiView, Wizard, UseSubmitBehaivior and Literal Control** | |
| 35.MultiView Control | Pg.35 |
| 36.Wizard Control | Pg.37 |
| 37.Wizard Control Properties | Pg.38 |
| 38.Wizard Control Events | Pg.38 |
| 39.UseSubmitBehaivior Property | Pg.38 |
| 40.Wizard Control Templates | Pg.39 |
| 41.Literal Control | Pg.40 |
| 42.Panel Control | Pg.41 |
| 43.Creating controls dynamically using ASP.NET panel control | Pg.41 |
| **Validators** | |
| 44.Required Field Validator | Pg.43 |
| 45.RangeValidatorControl | Pg.44 |
| 46.CompareValidator | Pg.45 |
| 47.RegularExpressionValidator | Pg.46 |
| 48.CustomValidator | Pg.47 |
| 49.Validation Summary | Pg.49 |
| 50.Validation Groups | Pg.51 |
| **Different Page Navigation Tehniques** | |
| 51.Diffrent Page Navigation Tehniques | Pg.51 |
| 52.Response.Redirect | Pg.51 |
| 53.Server.Transfer | Pg.52 |
| 54.Server.Execute | Pg.54 |
| 55.Cross Page Posting | Pg.55 |
| 56.Cross Page PostBack strongly typed reference | Pg.55 |
| 57.Opening a new window using JavaScript in ASP.Net | Pg.57 |
| **Tehniques to send data from one webform to another** | |
| 58.Tehniques to send data from one webform to another | Pg.59 |
| 59.QueryString | Pg.60 |
| 60.Cookies | Pg.61 |
| 61.How to check if cookies are enabled or disabled | Pg.62 |
| 62.Session State (**1**) | Pg.63 |
| 63.Cookieless Sessions | Pg.64 |
| **Session State Modes** (**1**) | |
| 64.InProc session state mode management | Pg.65 |
| 65.StateServer Session State mode | Pg.66 |
| 66.SQLServer Session State mode | Pg.67 |
|  | |
| 67.Application State | Pg.68 |
| 68.Application State Variables | Pg.69 |
| 69.Exception handling in ASP.NET | Pg.71 |
| 70.Error Events | Pg.71 |
| 71.Custom Errors in Asp.Net | Pg.73 |
| 72.Windows event viewer | Pg.75 |
| 73.Logging exceptions to the windows event viewer | Pg.76 |
| 74.Logging Exceptions to the Event Viewer as Information Entry Type | Pg.78 |
| 75.Logging exceptions to database | Pg.79 |
| 76.Customizing Asp.Net exception Logging | Pg.80 |
| 77.Sending emails using Asp.Net | Pg.82 |
| 78.Sending emails using SMPT server settings from webconfig | Pg.83 |
| 79.Tracing in Asp.Net | Pg.83 |
| 80.Writing custom Asp.Net Tracing messages | Pg.84 |
| 81.Tracing real time exemple | Pg.86 |
| 82.Application pools in IIS | Pg.88 |
| 83.Applications isolation using application pools in IIS | Pg.90 |
| 84.Application pools in IIS Security | Pg.91 |
| 85.Anonymous Authentication | Pg.91 |
| 86.Anonymous Authentication continue | Pg.93 |
| 87.Windows Authentication | Pg.95 |
| 88.Windows authentication and authorization | Pg.96 |
| 89.Windows authentication and folder authorization | Pg.97 |
| 90.Forms authentication using user names list in webconfig | Pg.99 |
| 91.Forms authentication Continuation | Pg.100 |
| 92.Forms authentication against users in database table | Pg.102 |
| 93.Forms authentication and locking user accounts | Pg.105 |
| 94.Unlocking the locked user accounts | Pg.109 |
| 95.Implementing password reset link | Pg.111 |
| 96.Implementing change password page | Pg.113 |
| 97.Changing password by providing current password | Pg.117 |
| 98.Unlocking the locked user accounts using a webpage | Pg.119 |
| 99.Implementing Enable button to unlock user accounts | Pg.120 |
| 100.Secure Socket Layer in asp.net | Pg.121 |
| 101.Implementing SSL | Pg.123 |
| 102.Redirect http to https | Pg.125 |
| 103.Redirect http to https in IIS using custom errors | Pg.126 |
| 104.User Controls | Pg.127 |
| 105.Adding and using user controls on a web form | Pg.128 |
| 106.Raising custom events from user controls | Pg.129 |
| 107.Consuming events | Pg.129 |
| 108.Events and delegates | Pg.130 |
| 109.Loading User Controls dynamically | Pg.131 |
| 110.Loading controls dynamically(standard controls) | Pg.131 |
| 111.Navigating to a specific month and year in a calendar control | Pg.133 |
| 112.Asp.Net Custom server controls | Pg.134 |
| 113.Adding composite custom controls to visual studio toolbox | Pg.135 |
| 114.Adding properties to composite custom controls | Pg.136 |
| 115.Solving the problems of composite custom calendar control | Pg.137 |
| 116.Adding custom events to asp.net composite custom control | Pg.139 |
| 117.Assigning an image to the composite custom control in visual studio toolbox | Pg.140 |
| 118.Diffrence between user controls and custom controls | Pg.140 |
| 119.Caching | Pg.141 |
| 120.Caching multiple responses for a single webform | Pg.143 |
| 121.Controlling asp.net caching in code | Pg.144 |
| 122.Fragment caching in Asp.net | Pg.144 |
| 123.Web caching based on Get and Post request | Pg.145 |
| 124.Caching multiple versions of user control using VaryByControl | Pg.145 |
| 125.Caching multiple versions of user control using VaryByParam | Pg.145 |
| 126.Caching application data in Asp.Net | Pg.146 |
| 127.Diffrent ways to cache application data | Pg.147 |
| 128.Absolute Expiration, Sliding Expiration and CachedItemPriority | Pg.148 |
| 129.Cache dependency on files in asp.net | Pg.149 |
| 130.Reloading on Refreshing cache automatically when cached data is removed | Pg.149 |
| 131.Cache dependency on sql server database table | Pg.151 |
| 132.Reload data into cache automatically when data in the table changes | Pg.153 |
| 133.AutoEventWireUp | Pg.153 |
| 134.Add image slideshow to your website using asp.net AJAX and C# | Pg.155 |
| 135.Display images in sequence | Pg.156 |
| 136.Provide capability to start and stop image slideshow | Pg.157 |
| 137.Add images to slideshow using xml file | Pg.157 |
| 138.Add images to slideshow using database tables | Pg.159 |
| 139.How to upload and download files using asp.net and C# | Pg.160 |
| 140.Creating an image gallery | Pg.161 |
| 141.Contact Us Page | Pg.162 |
| 142.Contact Us Page –Continue- | Pg.162 |
| 143.Http Get Vs Http Post | Pg.163 |
| 144.How to check if the request method is a Get or a Post | Pg.164 |
| 145.Implementing autocomplete | Pg.165 |
| 146.Why use master pages in Asp.Net | Pg.167 |
| 147.Master pages | Pg.168 |
| 148.Passing data from master page to content page | Pg.169 |
| 149.Passing data form master page to content page | Pg.171 |
| 150.Default content in content place holder of a master page | Pg.173 |
| 151.Assining a master page dynamically in asp .net | Pg.173 |
| 152.Master Page content page user control life cycle | Pg.174 |
| 153.Menu control in Asp.Net | Pg.175 |
| 154.Using styles with asp.net menu control | Pg.176 |
| 155.Binding asp.net menu control to an xml file using xmldatasource control |  |
| 156.Binding asp.net menu control to database table |  |
| 157.SiteMapPath control in asp.net |  |
| 158.SiteMapPath control in asp.net |  |
| 159.TreeView control in asp.net |  |
| 160.Binding asp.net treeview control to an xml file using xmldatasource control |  |
| 161.Binding asp.net treeview control to web sitemap file using sitemapdatasource control |  |
| 162.Binding asp.net treeview control to database table |  |
| 163.Dynamically adding treenodes to treeview control in asp.net |  |
| 164.Displaying organization employee chart using treeview control in asp.net |  |
| 165.How to display an icon for website on browser tab |  |
| 166.Captcha control in asp.net |  |
| 167.Using asp.net validation controls with recapthca |  |
| 168.Customizing recaptcha control |  |
| 169.Save image to database using asp.net |  |
| 170.Load image from database in asp.net |  |
| 171.How to show images from database in gridview in asp.net |  |