

### Unit 1: Introduction to ASP.NET

#### Short questions (2 to 4 marks)

1. What is event driven programming?
2. What is difference between Inline code and code behind page?
3. Explain importance of compiled code
4. Define namespace
5. Explain significance of MSIL
6. What is ASP.NET?

#### Long questions (5 to 10 marks)

1. Explain Common Language Runtime
2. Explain ASP.NET framework OR Explain .NET framework
3. Explain major features added in ASP.NET. Also explain how ASP.NET provides more developer productivity.

### Unit 2: Server Control

#### Short questions (2 to 4 marks)

1. What is significance of CausesValidation property of Button Control?
2. List out various types of files & directories in ASP.NET
3. What is use of panel control in ASP.NET?
4. List out HTML Server control that supports ServerClick event?
5. List out Validation Control. Explain RangeValidator Control
6. What is Postback? Which property is used to identify postback?
7. What is use of CustomValidator?
8. Write use of <% %> symbol
9. Explain Placeholder control & HiddenField Control
10. What is Postback? When postback will happen? Discuss significance of postback mechanism
11. List out different files created on New project creation
12. What is use of IsPostBack property?
13. Explain @Page directive with all attributes
14. What datatypes does RangeValidator Control supports? What is default?
15. Write extension of web service file, user control file, master page, Resource file
16. How can you bind an event with a method?
17. What is use of Virtual Directory?
18. How CSS is applied to ASP.Net page?
19. Differentiate HTML Server Control & Web Server Control

20. What is PostABackURL property?
21. What is to be done to make sure that no validation takes place when a reset button of a form is clicked?
22. Difference between Listview & Dropdownlist
23. How do you implement the postback property of an ASP.NET control?
24. How to set the Theme at page level?
25. Why we use APP\_Code folder?
26. Give the extension of MasterPage, Configuration File, Global file and User File
27. Which property of a control is used to define validation will not take place?
28. Explain ImageMaP Control
29. Difference between LinkButton & HyperLinkButton
30. How can we find out the page is postedback?
31. Difference between client side & server side validation control
32. Give difference between RadioButton & RadioButtonList
33. Short Note: RequiredField Validator Control
34. Short Note: DropDownList

**Long questions (5 to 10 marks)**

1. Explain Lifecycle of webpage with relevant events and example
2. Define validation Control. Explain Range Validator & Compare Validator. Explain its importance.
3. Explain common properties of HTML Server Control
4. Discuss Properties, methods & Events of DropDownList Control
5. Explain Calendar Control & HiddenField Control
6. Explain Textbox & Radiobutton control in detail
7. Explain RegularExpresssion Validator Control with example
8. What is MasterPage? Explain in detail with content page. What is importance of masterpage? Explain in brief about nested masterpage
9. Explain Themes & CSS. How theme is created and applied? What is use of APP\_Theme folder
10. What is CSS? Discuss how CSS is more powerful than HTML formatting?
11. What is use of CausesValidation property & validationGroup property of ASP.NET?
12. What is Template? Explain benefits of ASP.NET
13. Explain .NET directives in detail
14. Explain in detail Validation Control
15. Explain RadioButtonList & ImageButton control with example
16. Explain with suitable example: Listbox and Table Control
17. Discuss Image, ImageButton & ImageMap Control

### Unit 3: Database Access

#### Short questions (2 to 4 marks)

1. What is disconnected Data Architecture of ASP.NET?
2. Differentiate Dataset & DataReader
3. What is significance of CommandBuilder in ASP.NET?
4. What is DataBinding? Explain with example
5. Explain different execution method of command object
6. Explain Repeater
7. List out DataAdapter' methods & properties
8. List out command object's methods & properties

#### Long questions (5 to 10 marks)

1. Explain Gridview control
2. Explain ADO.NET architecture
3. Explain Repeater Control with example
4. Explain objects of ADO.NET in detail
5. Explain methods of Data Adapter with example
6. Write a note on DataSet and DataAdapter
7. Short Note on DataList
8. Explain Dataset object in detail
9. Explain Gridview & DetailsView Control in brief. Demonstrate how master- detail relationship performed using Gridview & Detailsview

### Unit 4: Client Server Communciation

#### Short questions (2 to 4 marks)

1. Differentiate between Response.Redirect() & Server.Transfer()
2. Explain web server & web browser communication
3. What is Viewstate? Which property of a control is used to maintain a viewstate? Explain its advantages & disadvantages
4. Explain Application State
5. Why we use QueryString?
6. Difference between Cookies & QueryString
7. Explain client side state management
8. What is Transfer object?
9. What is difference between HiddenField & ViewState?
10. List out state management. Explain various state management techniques.
11. What is the lifespan of Items stored in ViewState?
12. Define Session object.

**Long questions (5 to 10 marks)**

1. What is Response object? Explain its properties & methods
2. Explain Request object with all its properties & methods
3. What is cookie? Explain in detail with advantages & disadvantages
4. Explain session in detail
5. Explain Querystring in detail
6. Explain Session management techniques of ASP.NET
7. Explain ViewState with advantages & disadvantages

**Unit 5: Advanced ASP.NET**

**Short questions (2 to 4 marks)**

1. What is importance of web.config file?
2. What is use of Global.asax?
3. Write in brief on Application level Error handling
4. What is difference between Page & User control?
5. What is Sitemappath control?
6. Explain use of LoginView control
7. What is use of Navigation control? List them out
8. Explain Menu Control in brief
9. What is SOAP?
10. What is web service?
11. How structured exception handling is implemented?

**Long questions (5 to 10 marks)**

1. Explain page level & Application level error handling
2. Write a note on web.config. What are its significances?
3. Explain Adrotator control
4. Short note on User Profile
5. Write details on Treeview with example
6. What is User control? How is it created? Explain its events & limitations
7. List out Navigation Controls. Explain menu control with illustrations. Discuss how menu is used in sitemap?
8. Short note on Login Control & LoginView Control
9. Explain Global.asax file
10. Explain Sitemappath control in detail with example
11. Explain Login Control LoginName Control & LoginStatus Control with its properties
12. Write steps to interact with web service
13. Write a note on web service with its advantages & disadvantages