**Important**

**Unit 1**

1. State and explain various components of .NET framework.
2. Write a note on assemblies in .NET.
3. List and explain the different types of File types in an ASP.NET web application project.
4. What are HTML Server Controls? What are their features?
5. Explain the structure of the web.config file.
6. Explain the terms ViewState and AutoPostBack.

**Unit 2**

1. Write a note on ASP.NET Page Life Cycle.
2. Explain the SiteMapPath control in detail.
3. What is the use of MasterPages in ASP.NET? How can a Content page be added to a Master Page?
4. Which are the different validation controls in ASP.NET? Explain any 2 with an example.
5. List and explain the client-side state management objects in an ASP.NET website.
6. How to implement views in a MultiView control. Demonstrate with an example.

**Unit 3**

1. Write a brief note on the Data Provider Model? Explain various ADO.NET namespaces.
2. Explain the difference between Single-Value Data Binding and Multi-Value Data Binding in ADO.NET.
3. Write C# function to create an XML file given below using ASP.net:
4. Write a short note on Caching.
5. Explain the concept of Partial Refreshes with respect to AJAX in ASP.NET.
6. Write a short note on SqlCommand class in ADO.NET.

Unit 1

1. State and explain various components of -Net framework
2. Explain the working of foreach loop in C# and provide example.
3. Write a note on assemblies in .NET.
4. Explain various ASP-NET file types.
5. Briefly describe the Partial Classes and their syntax with a suitable example.
6. State and explain the important events Of Global-asax file.
7. What is CLR? List and explain the features of CLR
8. Explain with an example the foreach loop in
9. Write a note on assemblies in .NET.
10. List and explain the different type of File types in an ASP.NET web application project.
11. Briefly describe the Partial Classes in NET. Demonstrate with an example.
12. What is a Global.asax file in ASP.NEI? Explain the different events in it.
13. State the different types Of ASP .NET files.
14. Write a note on Global.asax file.
15. Give syntax of foreach loop in C#. Explain with example.
16. Explain the structure of web-config file.
17. Explain the terms ViewState and AutoPostBack.
18. What are HTML Server Controls? What are their features?

Unit 2

1. Write a note on ASP-Net Page Life Cycle.
2. Explain at least 5 generic properties of web control.
3. With the help of an example, explain how data can be stored and retrieved from a session variable.
4. What is AdRotator? Write XML file which is created for the AdRotator Control.
5. Explain the SiteMapPath control in detail.
6. What is the use of MasterPages in ASP-NET? How a Content page can be added to a Master Page.
7. Write a note on ASP-Net Page Life Cycle.
8. Which are different validation controls in ASP.NET? Explain any 2 with an example.
9. List and explain the client-side state management objects in an ASP-NET website.
10. What isoAdRotator? Explain in brief about the Advertisement file used in the AdRotator control.
11. Explain the SiteMapPath control in detail.
12. How to implement views in a Multiview control. Write syntax for the below scenario:
    1. Implement 2 Views in a MultiView control.
    2. View 1 should have one Label and one Button control and View 2
    3. should have 2 TextBox controls and two Button controls. Also
    4. demonstrate how to switch between View 1 and View 2.
13. Write a note on the Page Lifecycle.
14. State and explain the important properties of any two Validator controls.
15. Write a program wherein you restrict a user to not select a national holiday.
16. What is a cookie? How to add and retrieve value from a cookie? Give example.
17. Write a short note on the SiteMapPath Control.
18. What is the use Of MasterPages in ASP-NEP How a Content page can be added to a Master Page.

Unit 3

1. Write a brief note on the Data Provider Model? Explain various ADO.NET namespaces.
2. Write the difference between Single-Value Data Binding and Multi-VaIue Data Binding in ADO.NET.
3. Write C# function to create an XML file given below using ASP.net:-
   1. <college>
   2. <student id=' 123'>
   3. <name>Madhuri Talekar </name>
   4. <marks>49</marks>
   5. </studnet>
   6. <student id=' 123
   7. <name>Juhi Mehta</name>
   8. <marks>49</marks>
   9. </student>
   10. </college>
4. Write a short note on Caching.
5. Explain the concept of Partial Refreshes with respect to AJAX in ASP-NET.
6. Write a short note on SqlCommand class in ADO.NET.
7. Write a brief note on the Data Provider Model?
8. Write the difference between Single-Value Data Binding and Multi-Value Data Binding in ADO-NET.
9. What is the use of GridView data control? Write a code to display all the records from the Employee in the GridView control.
10. What are the two types of Caching? Explain anyone with an example.
11. Explain the concept of Partial Refreshes with respect to AJAX in ASP.NET.
12. Write a short note on SqlCommand class in ADO-NET.
13. Explain any two controls of ASP-NET AJAX Toolkit.
14. Write a short note on Caching.
15. State the important methods of XMLTextWriter class.
16. What do you mean by Data provider in ADO.NEI? Explain any two types of classes from it.
17. State XML's hidden role in .NET.
18. Explain sorting and paging with respect to GridView control of ASP.NET

Mix

1. Give the structure of web-config file. Also state its advantages.
2. Differentiate between Value Types and Reference Types.
3. Explain the following XML classes:
   1. XmlTextWriter
   2. XmlTextReader
4. Explain the important properties of the BaseValidator class.
5. What is LINQ? Explain the syntax 0fLINQ giving suitable examples.
6. What do you mean by Value Type and Reference Type? Give an example for each.
7. What is the concept of master pages and content pages in ASP.NEI? Demonstrate how to connect them with an example.
8. Explain the following XML classes:
   1. XmlTextWriter
   2. XmlTextReader
9. Write a note on Htmllnput class.
10. Explain the concept of Timed Refreshes with respect to AJAX in ASP-NET.
11. Write a short note on .NET framework.
12. State and explain the contents of the advertisement file.
13. Explain the QueryString property of Request object.
14. Write a short note on SqlConnection class.
15. Explain the Standard Query operators "Select", "From", "orderby" and "Where" in LINQ.