**Section - A**

Q1)  
  
a) What do you mean by Active Server Pages?  
b) What is a Multi tiered Design?  
  
0) What do you mean Distributed Application?  
(1) What do you mean by Cookies?  
  
e) What is a Web Service?  
  
f) What is SOAP?  
  
g) What do you mean by DataGrid Control?  
h) What is a Demo Application?  
  
i) What is a Dataset Object?  
  
j) What do you mean by Validation Controls? Give one example each.  
k) What is a Form?  
  
1) What is DataAdapter?  
  
m) What is .NET?  
  
11) What is Web Form?  
  
0) What do you mean by Synchronization?

**Section - B**

(9 X 5 = 45)  
  
Q2) Discuss at least five HTML Controls.  
  
Q3) Write a short note on State Management.  
  
Q4) Discuss the advantages of using .NET over other parallel technologies.  
Q5) Write a program in ASP .NET to find server’s Date and Time.  
  
Q6) What is purpose of using Session Objects?  
  
Q7) Discuss the design of a Credit Card Validator Service?  
  
Q8) Discuss at least three Data Bound controls.  
  
Q9) Design a web form for a Guessing Game of your choice.  
  
Q1 0) Discuss in detail Distributed Application Architecture.  
  
Q11) Discuss at least three request objects in ASP.NET.  
  
Q12) Write a program in ASP.NET to demonstrate use of CheckBox in a form.  
  
Q13) Write a program in ASP.NET to demonstrate use of Buttons in a Webform.

**Important Questions about ASP.NET with Answers-**

**Ques 1 What is ASP.NET?**  
**Ans-** ASP.NET is the new offering for web developer from the Microsoft. It is not simply the next generation of ASP (Active Server Page).It is completely re-engineered and enhanced technology. It provides large set of user controls, XML-based components and integrated user authentication.

**Ques 2 What are advanced features of ASP.NET ?**  
**Ans-** Listed below are the some of the advanced features of ASP.NET-  
1) Support for compiled language.  
2) Services provided by .NET framework  
3) Graphical development environment  
4) State management  
5) Update files while server is running  
6) XML based configuration files

ASP.NET is most demanding

**Ques 3 What is “Atlas”?**  
**Ans-** ASP.NET AJAX was previously known by Atlas which is an implementation of Microsoft based on AJAX framework.

**Ques 4 What are web controls in ASP.NET?**  
**Ans-** Web controls are special ASP.NET tags understood by the server. Web server controls are created on the server and they require a run at=”server” attribute to work.

**Ques 5 Write the syntax for creating web controls?**  
**Ans-** The syntax for creating a web control is written as follows-  
<asp:control\_name id=”some\_id” run at=”server” />

**Ques 6 Give some examples of web controls ?**  
**Ans-** Following are the some of the examples of the Web Controls-  
1) AdRotator  
2) Button  
3) Calender  
4) CheckBoxList  
5) DropDownList  
6) HyperLink  
7) Image  
8) Label  
9) PlaceHolder  
10) TableRow  
11)RadioButtonList  
12) TableCell  
13)TextBox  
14) XML

**Ques 7 What are three category of Web Controls?**  
**Ans-** Three categorization of web controls are-  
a) Text and graphics controls  
b) AdRotator controls  
c) Validation controls

**Ques 8 What is session tracking?**  
**Ans-** Session Tracking is a concept which allows you to maintain a relation between two successive requests made to a server on the internet .As we know HTTP is stateless protocol ,so never keep record of request made to it.Session tracking allow you to store the information would be checked every time you do any thing within your inbox. Thus you would not be asked to enter your password with every click.

**Ques 9 What are the solution for the arise by fact that HTTP being stateless?**  
**Ans-** There are three typical solution to this problem –  
a) cookies  
b) URL rewriting  
c) Hidden form fields

**Ques 10 Is ASP.NET support any type of databases?**  
**Ans-** ASP.NET support for web services, oracle databases, SQL server databases with custom schema.