**ASP.net and C# Question Bank**

**UNIT I:**

1. What is the .NET framework?
2. Difference between website and web application.
3. Explain Visual Studio IDE with menus. (Solution explorer & it’s options, menu bar, code editor window)
4. Explain study and create presentation layer using html and css.
5. grid layout vs liquid layout using css in asp.net and C#
6. What is ASP.NET, and what is its role in web development? What is the Page Life Cycle in ASP.NET Web Forms? Describe its phases.
7. explain the concept of presentation layer.
8. differnce between grid layout and liquid layout in asp.net and C#
9. Explain the use of cascaded style sheets.

**UNIT II:**

1. Explain the features of C#.NET programming.
2. Write a short note on Data type conversion.
3. Describe the operators and namespaces in C#.
4. How to create classes and objects in c#?Explain with suitable example.
5. What is a namespace? Explain with suitable examples.

6. Explain for each loop with examples.

7 .Explain the concept of jagged array in C#.

1. Write a short note on:

a)web.config

b)global.asax

c)masterpage

9. write steps to create masterpage with proper example

10. Describe event handling in C#.

11. Describe exception handling in C#.

12. What are the different methods through which we can navigate among webpages.

**UNIT III:**

1.Explain ASP.NET Page Life Cycle with its events and diagram.\*

2.Explain Validation Controls in ASP.NET with proper example.

3.Explain Standard Controls in ASP.NET with proper example.

4.Explain session management in ASP.NET with suitable example.

5. Explain Query string and View State with proper example.

6.Explain the concept of user control with execution steps.

7.Design Login form using session management.

**UNIT IV:**

1. Explain Ado.net Architecture

2. diffrence between connected and disconnected architecture in asp.net and c#

2. Describe ADO.Net Framework Data Providers and ADO.Net Framework Data Providers objects.

3. describe data provider for SqlServer and Oracle.

4. Explain CRUD operations in ASP.NET & C#

5. Explain DataSet and DataAdapter in ASP.NET & C#.

6. What is GridView in C#?

7. What is repeater control in Asp.net and C#

8. Develop a windows application with various control using visual studio to login user and save the student data.

**UNIT V:**

1. Explain AJAX architecture with diagram, describe components.
2. Explain Script manager control in asp.net and C#.
3. Explain Update Panel control in Asp.net and C#
4. Explain Ajax control toolkit in asp.net and C#.
5. what is ajax control toolkit in asp.net and C#
6. Explain IIS in asp.net.