# Quiz # 2 Web Programming - Section (B)

**Total Marks: 10 Time: 30 minutes**

1. What does ASP.NET life cycle indicates?

* ASP.NET processes pages to produce dynamic output
* The application and its pages are instantiated and processed
* ASP.NET compiles the pages dynamically.

1. Suppose we have an array string[] colors = { "green", "brown", "blue", "red" }; Write a Linq query to get the element with maximum length.

Var query=from x in colors where x.Length== colors.Max (c => c.Length)) select x;

OR

Var q=colors.Where(x=>x.Length==colors.Max (c => c.Length));

1. Suppose we have a DataContext class and a table student(id,name,cgpa,). Write a Linq query to get the average of those students whose name starts with ‘a’.

Var avg=(from x in cx.students where x.name.StartsWith(“a”) select x ).Average(x=>x.cgpa);

OR

Var avg=cx.students.Where(x=> x.name.StartsWith(“a”)).Avergae(x=>x.cgpa);

1. Suppose we have a DataContext class and a table student(id,name,cgpa,). Write code to update the record of student who have minimum CGPA 3.5;

Var q=cx.students.First(x=>x.cgpa>=3.5);

q.name=”Ali”;

cx.SubmitChanges();

1. What is the advantage of using strongly View?

So in view when we access attributes using model, we know the name of those attributes.

1. What are the different ways of sending data from controller to View in MVC ASP.net? Explain?

View bag and models

1. What are the uses of \_layout.cshtml and \_ViewStart.cshtml?

If we want to add same header footer on all pages (views), we add header and footer in between @renderbody() in the \_layout.cshtml and then add set layout of every page to \_layout.cshtml.

As we now have to set layout of every page to \_layout.cshtml. So to avoid that we can set layout of \_viewstart.cshtml to \_layout.cshtml, it will automatically add that layout to all pages.