Ch 5 – Discussion Questions – ASP.NET

1. What elements does an HTML form contain?

**Answer:** Forms, text box and text area, input, select.

2. What attributes does the HTML form element take?

**Answer:** Action and method.

3. What does HTTP GET do? When is it used?

**Answer:** GET requests a representation of the specified resource. It is used to retrieve remote data.

4. What does HTTP POST do? When is it used?

**Answer:** POST submits data to be processed to the identified resource. The data is included in the body of the request. This may result in the creation of a new resource or the updates of existing resources or both. It is used to insert/update remote data.

5. How does an ASP.NET action method know what the query parameters are? How does it know what the parameter values are?

**Answer:** It uses model bonding. It is the process of

6. How does the dynamic calculation of the route path work in the HTML helper BeginForm?

**Answer:** It asks the routing engine how to reach the direction it is trying to go.

7. What is HTML encoding? How does it work? Why is it necessary?

**Answer:** Encoding reserved for HTML that converts potentially unsafe characters to their HTML-encoded equivalent.

8. What is URL encoding? How does it work? Why is it necessary?

**Answer:** Coding that is within URL that is reserved only for URL. This coding helps protect against malicious code.

9. What is JavaScript encoding? How does it work? Why is it necessary?

**Answer:** It is used to encode the URI() function. It helps to encode special characters, except: , / ? : @ & = + $ #.

10. What is the JavaScript library jQuery? What does it contain, and why do we use it?

**Answer:** It is a JavaScript library that makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. It contains HTML/DOM manipulation, CSS manipulation, HTML event methods, effects and animations, Ajax and utilities.

11. What is the JavaScript library jQueryUI? What does it contain, and why do we use it?

**Answer:** It is a curated set of user interface interactions, effects, widgets, and themes built on top of the jQuery JavaScript Library.

12. What is the JavaScript library AngularJS? What does it contain, and why do we use it?

**Answer:** It is a JavaScript-based open-source front-end web application framework mainly maintained by Google and by a community of individuals and corporations to address many of the challenges encountered in developing single-page applications. Front-end web developers rely most heavily on JavaScript to create the interactive aspects of a website that users see in their browsers.