

# ASP.NET – INTERVIEW QUESTIONS

A free ASP.NET interview questions by,

*Venkatesan Prabu Jayakantham*

Microsoft Most Valuable Professional



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### 1) Explain Field level Validation?

The Field level validation is a validation step that provides immediate validation of the input given by the user. The events that are associated with this validation are KeyDown, KeyPress, textchange, etc.

### 2) What are the two different levels of variables that are supported by Asp.net?

The two levels of variables that are supported by ASP.NET are.

- 1)Page level variable
- 2)Object level variable.

### 3) What is Page level variable and Object level variable?

The Page level variables are the variables whose scope is limited to that particular page only. Some of the page level variables are int, float, char, string and all other .net data type. The level variables are the variables that is used to access the data throughout the application. Some of the page level variable are Application Level, Session Level.

### 4) What is Shallow Copy in .NET?

The Shallow copy is the process in which a new object is created, and then the nonstatic fields of the current object is copied to the new object. A bit-by-bit copy of the field is performed, if a field is a value type and if it is a reference type then the reference is copied but not the referred object. Therefore, the original object and its clone refer to the same object.

### 5) What you meant by deep copy?

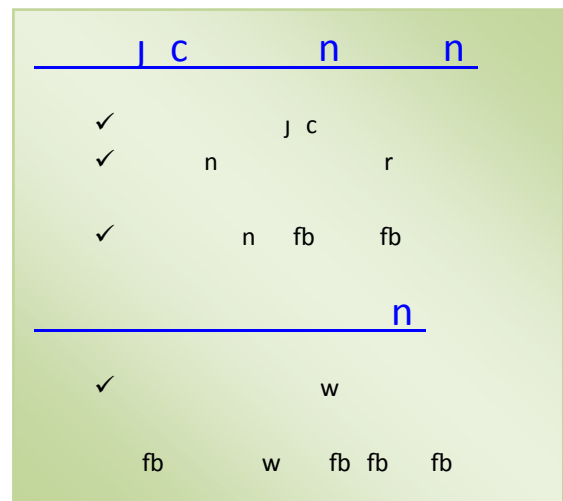
The Deep copy is somewhat similar to shallow copy, but the difference between them is deep copy copies the whole object and makes a different object which that means it do not refer to the original object whereas in shallow copy the target object always refer to the original object and changes in target object also changed in original object. It serializes the objects and deserializes the output.

### 6) What is Screen Scraping ?

Reading the contents of the WebPage is known as screen scraping. For example let us consider the www.rediff.com website. If the user browses into that site the interface which he/she could see only the different controls but we cannot see what is the URL of those links and what are the properties of those controls.

### 7)What is the type of struct?

The type of struct is always value types.



**8) Can a struct inherit from another struct or class?**

No, a struct cannot be inherited from another struct or class. Struct cannot be the base of a class. But yes, in struct the programmer will be able to instantiate it without using a new operator.

**9) What are the main advantages of serialization?**

The main advantages of using serialization is the ability of serializing an object into a persistent or a non-persistent storage media and then the same object is later reconstructed by de-serializing the object. The Binary Serialization is faster and it supports complex objects with read only properties and even circular references.

**10) What is TDD environment?**

The ASP.NET Model-View-Control framework helps to do test driven development (TDD) environment. With the help of this automated unit tests can be implemented, and it will also help in defining and verifying the requirements of new code before the actually the code is written itself.

**11) What is the difference between the Take and Skip clauses?**

The difference between the Take clause and Skip clause is that the Take clause returns a specified number of elements while the Skip clause skips the specified number of elements in the query.

**12) What is process recycling?**

Process recycling is the technique which is used to shut down or restart the asp.net worker process for the purpose of repairing or maintaining the web sites. This can be done by using the appropriate attributes in the <processModel> tag of the machine.config file.

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### 13) What is Post- Cache Substitution?

Post-cache substitution is a feature which allows us to cache asp.net page partially. Some examples that can implement Post Cache Substitution are QuoteoftheDay, RandomPhotos, and AdRotator etc.

### 14) What is scavenging?

The process of deleting items from the cache when memory becomes low is known as scavenging. The criteria of removing the cached elements is either their inactivity for some time or their low priority. To determine the priority of cached items for scavenging the CacheItemPriority enumeration is used.

### 15)What is a MMC Admin Tool?

The MMC Admin Tool is a new admin tool which comprises of many things that helps to plug into the existing IIS Administration MMC, and allows to change the ASP.NET version of any IIS application, and inspect and change many common settings within the XML configuration files.

