This section of our 1000+ C# MCQs focuses on fundamental of LINQ in C# Programming Language.

1. Assume 2 columns named as Product and Category how can be both sorted out based on first by category and then by product name?  
a) var sortedProds = \_db.Products.Orderby(c => c.Category)  
b) var sortedProds = \_db.Products.Orderby(c => c.Category) + ThenBy(n => n.Name)  
c) var sortedProds = \_db.Products.Orderby(c => c.Category) . ThenBy(n => n.Name)  
d) all of the mentioned  
View Answer

Answer: c  
Explanation: var sortedProds = \_db.Products.Orderby(c => c.Category) . ThenBy(n => n.Name).

2. Choose the wrong statement about the LINQ?  
a) The main concept behind the linq is query  
b) linq makes use of foreach loop to execute the query  
c) It is not required that linq should make use of IEnumerable interface  
d) None of the mentioned  
View Answer

3. Choose the namespace in which the interface IEnumerable is declared?  
a) System.Collections  
b) System.Collections.Generic  
c) Both System.Collections & System.Collections.Generic  
d) None of the mentioned

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View Answer

Answer: b  
Explanation: By definition.

Which among the following is not an interface declared in System.Collection namespace?  
a) IDictionaryComparer  
b) IEnumerable  
c) IEnumerator  
d) Icomparer  
View Answer

Answer: a  
Explanation: None.

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| **Que.** | **The wrong statements about a HashTable collection are?** |
| **a.** | It is a keyed collection |
| **b.** | It is a ordered collection |
| **c.** | It’s not an indexed collection |
| **d.** | It implements a IDictionaryEnumerator interface in its inner class |