Generics

1. Describe the problem generics address.

Safety issue   
2. How would you create a list of strings, using the generic List class?

In the interface, leave the data type as generics. In class, use interface, set the type as String.

3. How many generic type parameters does the Dictionary class have?

Dictionary<TKey,TValue> generic type has two type parameters, TKey and TValue , that represent the types of its keys and values

4. True/False. When a generic class has multiple type parameters, they must all match.

True  
5. What method is used to add items to a List object?

Add()  
6. Name two methods that cause items to be removed from a List.

Remove , RemoveAt, clear  
7. How do you indicate that a class has a generic type parameter?

After class name, add<T>  
8. True/False. Generic classes can only have one generic type parameter.

False  
9. True/False. Generic type constraints limit what can be used for the generic type.

True(In interface)  
10. True/False. Constraints let you use the methods of the thing you are constraining to.

False