**1 :- What is C#?**

**Ans :-**

* C# is an object-oriented programming language created by Microsoft that.
* C# can be used to create various types of applications, such as web, windows, console
* It is easy to learn and simple to use
* It has a huge community support

**2 :- Can we use keywords as an identifier? Why?**

**Ans :-** Keywords are predefined, reserved words used in programming that have special meanings to the compiler. Keywords are part of the syntax and **they cannot be used as an identifier**.

**5 :- Explain any 5 string operation methods**

**Ans :-**

* EndsWith() :- checks if the string ends with the given string
* IndexOf() :- returns the position of the specified character in the string
* Remove() :- returns characters from a string
* ToUpper() :- converts the string to uppercase
* ToLower() :- converts the string to lowercase

**14 :- How can we manage runtime errors?**

**Ans :-** To handle an error inline, **use the Resume Next statement with On Error**. Any errors that occur during runtime cause InfoConnect to continue executing the macro at the next statement. If an error occurs, it is handled by opening a dialog box, passing control to another procedure or to a routine within the same procedure.

**15 :- What is abstract class?**

**Ans :-** Abstract class :- is **a restricted class that cannot be used to create objects** (to access it, it must be inherited from another class). Abstract method: can only be used in an abstract class, and it does not have a body. The body is provided by the derived class (inherited from).

**16 :- What is dll?**

**Ans :-** Introduction. A Dynamic Link library (DLL) is a library that contains functions and codes that can be used by more than one program at a time. Once we have created a DLL file, we can use it in many applications. The only thing we need to do is to add the reference/import the DLL File.

**17 :- What is namespace?**

**Ans :-** The namespace keyword is used to declare a scope that contains a set of related objects. You can use a namespace to organize code elements and to create globally unique types.

**19 :- What is difference between for loop and foreach loop.**

**Ans :-** for loop executes a statement or a block of statement until the given condition is false. Whereas foreach loop executes a statement or a block of statements for each element present in the array and there is no need to define the minimum or maximum limit.

**30 :- What is dictionary? Advantages of Dictionary?**

**ANS :-** As you become more confident with English, using a good English-English dictionary can give you even more detailed information, and can help you to think in English instead of always translating in your mind. You can also use it with a bilingual dictionary to deepen your understanding.

**31 :- How to prevent class to be instantiate?**

**Ans :-** A class can't be both final and abstract. You can prevent instantiation by hiding the constructor, and raising an exception to prevent instantiation via reflection.

**34 :- What is difference between array and list?**

**Ans :-** An array stores a fixed-size sequential collection of elements of the same type, whereas list is a generic collection.