**Mark- 2 for each question**

**1.Which is the correct order for implicit type conversion to convert a smaller to a larger type in C#?**

**char -> int -> long -> float -> double**

**bool -> char -> int -> long -> float -> double**

**char -> int -> float -> long -> double**

**bool -> char -> int -> long -> double -> float**

**2.Which is the correct C# statement to convert a float value to int explicitly?**

**int\_variable = (int) float\_variable;**

**int\_variable = float\_variable;**

**int\_variable = (int) (float\_variable);**

**int\_variable = int \*float\_variable);**

**3.What is the difference between public, static, and void?**

### 4.What is Jagged Arrays?

### 5.What is the use of ‘using’ statement in C#?

### 6. ****What is Common Language Runtime (CLR)?****

### ****7.What is garbage collection in C#?****

### ****8.**** ****What are indexers in C# .NET?****

### ****9.**** ****What is enum in C#?****

## **10. What is C#? And What is the latest version of C#?**

**11.Differentiate between Break and Continue Statement.**

**12.Mention the important IDEs for C# development provided by Microsoft.**

**13.List the different types of comments in C#.**

**14.Mention the important IDEs for C# development provided by Microsoft.**

**15.  What is a Console application?**

**Practical**

### Mark-5

1.Given an array of ints, write a C# method to total all the values that are even numbers.

2.Csharp program to print a pyramid  Numbers   
1  
12  
123  
1234  
12345  
3. How to reverse a string?

4.How to remove duplicate characters from a string?

5.How to find the sum of digits of a positive integer?

6.Program to count vowels and count occurrences of vowels in a string?

8.Create a program to Count number of words in a sentence?