**ASP.NET ASSESSMENT**

(All are descriptive types and each carry marks 3)

1. What is the difference between static, public, and void?
2. Define Constructors.
3. Name all the C# access modifiers and explain it shortly
4. What’s the difference between an abstract and interface?
5. What is the difference between method overriding and method overloading?
6. What is Garbage Collection in C-sharp?
7. In C# Collections, how does the performance of a List compare to a LinkedList when it comes to insertion and deletion operations in the middle of the collection? Explain why.
8. Explain the differences and use cases between IEnumerable, ICollection, and IList interfaces in C# Collections.
9. Discuss the performance differences between Array, ArrayList, and List when it comes to adding, deleting, inserting, and looping through elements in C# Collections.

10. What are the difference between array and arraylist?

11. What is the difference between early binding and late binding in C# ?

12. What exactly are Jagged Arrays?

13. Explain the difference between Error and Exception in C#?

14. Explain about try-catch implementation.

15. How many ways we can use try-catch and finally?

16. What is the difference between System exceptions and Application exceptions?

17. How many ways we can use try-catch and finally?

18. What happens if the finally block throws an exception?

19. Explain different types of Exceptions in C#?

20. What is defensive programming?