1. **Which of the following is the correct way to declare a string in C#?**  
   a) char[] str = "Hello";  
   b) string str = 'Hello';  
   c) string str = "Hello";  
   d) String str = { "H", "e", "l", "l", "o" };

**Answer:** c) string str = "Hello";

1. **Which method is used to concatenate two strings in C#?**  
   a) Append()  
   b) Merge()  
   c) Join()  
   d) Concat()

**Answer:** d) Concat()

1. **What will be the output of the following code?**

string str = "Hello";

Console.WriteLine(str.Length);

a) 4  
b) 5  
c) 6  
d) Compilation error

**Answer:** b) 5

1. **Which property of the String class is used to get the number of characters in a string?**  
   a) Count  
   b) Chars  
   c) Length  
   d) Size

**Answer:** c) Length

1. **Which method is used to check if a string contains a specific substring in C#?**  
   a) Contains()  
   b) Exists()  
   c) Search()  
   d) Find()

**Answer:** a) Contains()

1. **What will the following code output?**

string str = "HELLO";

Console.WriteLine(str.ToLower());

a) hello  
b) HELLO  
c) Compilation error  
d) Undefined behavior

**Answer:** a) hello

1. **Which method is used to remove leading and trailing whitespace from a string in C#?**  
   a) Trim()  
   b) Strip()  
   c) Remove()  
   d) Replace()

**Answer:** a) Trim()

1. **How can you retrieve a specific character at a given index in a string?**  
   a) str.getCharAt(index)  
   b) str[index]  
   c) str.CharAt(index)  
   d) str.Extract(index)

**Answer:** b) str[index]

1. **What does the following code return?**

string str = "CSharp";

Console.WriteLine(str.Substring(1, 3));

a) CSh  
b) Sha  
c) har  
d) Sharp

**Answer:** b) Sha

1. **Which of the following statements about C# strings is true?**  
   a) Strings are mutable in C#  
   b) Strings can be modified in place  
   c) Strings in C# are immutable  
   d) Strings are stored as integer arrays

**Answer:** c) Strings in C# are immutable