

BSc(IT) Sem -6

602- ASP.NET Core MVC using c#

Theory Assignment – 1

1. What is the .NET Framework, and what are its key components?
2. Explain the difference between .NET Framework, .NET Core, and .NET 5/6.
3. How does the Common Language Runtime (CLR) work within the .NET Framework?
4. Explain the .net core architecture.
5. What is the role of the Base Class Library (BCL) in the .NET Framework?
6. Explain the concept of Managed Code versus Unmanaged Code in .NET.
7. What are the basic data types in C#? Provide examples.
8. Discuss the difference between value types and reference types in C#.
9. How are comments written in C#? Provide examples of single-line and multi-line comments.