C# Exam Topics

- CTS\CLS\CLR overview, assemblies.

- Core C# constructs. System types, type conversion, iteration\decision constructs, etc.

- Value and reference types.

- OOP principles.

- Exception handling.

- Interfaces and abstract classes.

- Collections and generics.

- Delegates, events, lambda expressions.

- Indexers, operator overloading, custom type conversion, extension methods, anonymous types.

- LINQ to Objects. Applying LINQ queries to collections.

- Finalizable and Disposable objects. Garbage collection.

- Dynamic types.