

DotNet Programming

S.No.	Topics
1	OOPS Concepts
	C# Basics
	Class, Objects, Methods, Abstract Class
	Delegate, Events
	Variables & Operators
	Conditional & Looping Statements
	Constructor, Interface
	Polymorphism
	Inheritance
	Exception Handling
	String, Virtual & Versioning
	Boxing & Unboxing
2	FrameWork & Versions
	Frame Work Architecture
	CLR Process & JIT Compiler
	Namespace, Metadata, Manifest and StrongName
	Assemblies, Garbage collection
	Reflections, Value types and Reference types
3	Applications
	Console Applications
	Windows Applications(Windows Services & tools)

4	ASP.NET
	Difference between ASP and ASP.NET
	Web application Architecture
	Page life cycle, Security,
	State Management, Session and Application object
	Web.config, Global.asax, Caching
	Data Access, Datagrid, Gridview, Datalist and Repeater
	Validation(Server & Client side), Controls
	Globalization & Localization, Web farms and web garden
5	ADO.NET
	Fundamentals, Difference between ADO and ADO.NET
	Connection objects, Command objects
	Dataset and data reader, Data adapter & View
	Locking, Transactions, Connection Pooling
6	DATA BASE
	SQL, Oracle
	Query Analyzer
	Enterprise Manager