

# Government Science College, Valod

Second Year B.Sc.( Computer Science ) Semester-3

## Assignment of Unit-1

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	<b>Assignment Question</b>	
	<b>Answer in Short:</b>	
1.	What is .NET framework?	
2.	What is MSIL?	
3.	What is the purpose of JIT?	
4.	What is the role of Garbage Collection in .NET Framework?	
5.	What is the CLR? What is the role of CLR in .NET Framework?	
6.	What is Framework Class Library?	
	<b>Answer in Detail:</b>	
1.	Describe the .NET Framework Features.	
2.	Explain .NET Architecture with its components.	
3.	Explain the architecture of CLR.	
4.	Explain the process of Managed Code execution.	
5.	Explain the process of Unmanaged Code execution.	
6.	Explain Garbage Collection.	
7.	Explain the execution process diagrammatically of Visual Basic.NET Code.	
	<b>University Exam Question</b>	
	<b>Answer in Short:</b>	
	What is Just-in Time Compilation ?	
	What is garbage collection ?	
	What is MSIL?	
	<b>Answer in Detail:</b>	
	Explain console application in VB.Net.	
	(a) Explain Compilation and Execution process of .Net framework.	<b>6</b>
	(a) Explain CLR of .Net framework.	<b>6</b>