

USN



Internal Assessment Test 2 – October 2019

Sub:	Introduction to Dot Net Framework for Application Development.					Sub Code:	17CS564	Branch:	ISE	
Date:	15-10-2019	Duration:	90 min's	Max Marks:	50	Sem/Sec:	V SEM		OBE	
Answer any FIVE FULL Questions								MARKS	CO	RB T
1 (a)	Define inheritance in C#. Explain Single Level and Multilevel Inheritance with example.						[08]		CO3	L2
(b)	What are Virtual Methods.						[02]		CO3	L1
2 (a)	Explain the need of Virtual Methods. List the conditions required while using Virtual Methods						[06]		CO3	L1
(b)	Mention the functions of the following Keywords. 1. Override 2. Sealed 3. this 4. base						[04]		CO3	L1
3 (a)	Define Interface? Explain how interfaces are created with an example.						[06]		CO3	L1
(b)	With an example, demonstrate how to explicitly implement an Interface.						[04]		CO3	L2
4 (a)	Write a note on abstract Class?						[05]		CO3	L1
(b)	Mention the advantages of Sealed classes and Sealed Methods.						[05]		CO3	L1

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5 (a)	What is Garbage Collection? What is the need of Garbage Collection?						[05]		CO4	L1
	(b) Compare Finalize and Dispose in Garbage Collection.						[05]		CO4	L1
6 (a)	Briefly explain the properties in C#.						[04]		CO4	L1
	(b) Explain read write, read only, write only properties with example.						[06]		CO4	L2
7 (a)	Write a program to demonstrate access of two private fields using properties.						[08]		CO4	L3
	(b) List the Property Restrictions in C#						[02]		CO4	L1
8 (a)	What are Indexers? Write a program to implement indexers, where both string and integer are used as index.						[08]		CO4	L4
	(b) Differentiate arrays and Indexers						[02]		CO4	L1

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