PRN:		Course Code :	MCA202

Second Year **S.Y.M.C.A.** End Semester Examination Summer 2023

.NET Programming

Day and Date: Tuesday, 13/06/23 Max Marks: **100**

Time : 2:00 – 5:00 pm Duration: **03** hrs

Instructions: All questions are compulsory.

			Mark	Bloom Level	COs
Q.1		**Attempt the following**			
	a)	Explain .NET Framework with proper diagram.	08	L1	CO1
	b)	State in detail MSIL with proper diagram.	08	L2	CO2
		OR			
	b)	What does JIT stand for in. NET write three types of JIT.	08	L1	CO3
Q.2		**Attempt the following**			
	a)	Write Data Types in c# with proper example and diagram.	08	L1	CO2
	b)	Elaborate in detail Inheritance in c# with proper example.	08	L6	CO4
		OR			
	b)	Write C# program to display prime no.	08	L1	CO4
Q.3		**Attempt any two from the following**			
	a)	Explain any five controls with proper example in c# Window Form Application.	08	L5	CO4
	b)	Develop C# window Application write simple program.	08	L6	CO4
	c)	Solve C# Window Form Application program using textbox and button control.	08	L3	CO3
Q.4		**Attempt any two from the following**			
	a)	Illustrate ASP.NET Page life cycle with net diagram.	08	L2	CO3
	b)	Tell about Asp.NET html control in detail.	08	L1	CO2
	c)	Discuss ASP.NET in detail state management session, caching.	08	L6	CO3
Q.5		**Attempt any Two of the following**			
	a)	Compare structured and unstructured Exception Handling.	09	L4	CO2
	b)	State concept of Multithreading in .NET with thread life cycle.	09	L6	CO3
	c)	Write Exception Handling with Try….Catch….Finally.	09	L1	CO4
Q.6		**Attempt any Two of the following**			
	a)	Explain ADO.NET architecture in detail	09	L6	CO2
	b)	How to ExecuteNonQuery Method in ADO.NET	09	L1	CO4
	c)	State Difference between DataReader and Datasets	09	L2	CO3

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