000399

PRN:		Course Code:	PCA301R

Second Year **MCA** Semester End Examination Winter 2024

.NET Programming

Day and Date: Fri 22 NOV 2024 Max Marks: **100**

Time: 10:30AM To 01:30PM Duration: **03** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**			
	a)	Identify difference between managed and unmanaged code.	08	L3	CO1
	b)	List design goals of .NET framework.	08	L4	CO1
		OR			
	b)	Outline the concept of Common Language Runtime (CLR).	08	L2	CO1
Q.2		**Attempt the following**			
	a)	Elaborate the concept of encapsulation with example.	08	L6	CO1
	b)	Make use of example to explain concept of jagged array in C#.	08	L3	CO1
		OR			
	b)	Identify different types of inheritance in C#.	08	L3	CO1
Q.3		**Attempt any two from the following**			
	a)	Identify the steps in creation of MDI window.	08	L3	CO2
	b)	Summarize any eight basic controls used for windows form.	08	L2	CO2
	c)	Discuss any four dialog controls used in Windows From.	08	L6	CO2
Q.4		**Attempt any two from the following**			
	a)	Determine different phases in web form life cycle.	08	L5	CO3
	b)	Explain validation controls used in ASP.NET.	08	L2	CO3
	c)	Simplify the concept of ASP.NET with its features.	08	L4	CO3
Q.5		**Attempt any Two of the following**			
	a)	Illustrate the use of try, catch and finally block with example.	09	L2	CO3
	b)	Make use of example to explain concept of user defined exception.	09	L3	CO3
	c)	Construct a C# program to demonstrate the use of multiple catch block.	09	L3	CO3
Q.6		**Attempt any Two of the following**			
	a)	Simplify the concept of execute reader method.	09	L4	CO4
	b)	Utilize the block diagram to explain ADO.NET architecture.	09	L3	CO4
	c)	Identify different components of data adapter.	09	L3	CO4

*****

ESE