000700

PRN:	Course Code:	UCA502

Third Year **B.C.A.** End Semester Examination Winter 2024

C# Programming

Day and Date: Thu 21 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)	Explain .NET Framework with diagram	08	L2	CO1
	b)	Illustrate Three Types of JIT Compiler perform task in .NET.	08	L2	CO4
		OR			
	b)	How .exe and .dll file form in .NET Framework.	08	L1	CO4
Q.2		**Attempt the following**			
	a)	Define the concept of class and object in c# with example.	08	L1	CO3
	b)	Differentiate between Value data type and Reference data type	08	L1	CO1
		OR			
	b)	List and explain Data type in c# with example.	08	L1	CO3
Q.3		**Attempt any two from the following**			
	a)	Discuss any three controls with its properties	08	L6	CO4
	b)	Elaborate Inheritance in c#.NET	08	L1	CO4
	c)	Tell the concept of Polymorphism in c#.NET	08	L1	CO2
Q.4		**Attempt any two from the following**			
	a)	Design window Form for List box property Add items with example.	08	L6	CO2
	b)	State Dialog box control with example.	08	L1	CO4
	c)	What is Multiple Document Interface (MDI) creating menu on MDI form.	08	L1	CO4
Q.5		**Attempt any Two of the following**			
	a)	Explain the Interface with example in c#.	09	L6	CO1
	b)	Show User-Defined Casts String with example	09	L2	CO2
	c)	Classify one dimensional Array and Multidimensional Array with Example.	09	L4	CO4
Q.6		**Attempt any Two of the following**			
	a)	Discuss connected layer of ADO.NET.	09	L6	CO3
	b)	Compare managed and unmanaged code in .NET.	09	L2	CO4
	c)	Elaborate the Data Reader control with diagram.	09	L1	CO2

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