Code: 7P2B52

M.C.A. V Semester Supplementary Examinations July 2021
.Net Technologies

Max. Marks: 60   Time: 3 Hours
Answer *all five* units by choosing one question from each unit (5 x 12 = 60 Marks)
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			Marks	CO	Blooms Level
		UNIT–I			
1.	a)	Describe the architecture of .Net Framework with Neat diagram.	6M	1	L2
	b)	What is the role of CLR in .NET Framework? Explain any five services offered by CLR.	6M	1	L2
		OR			
2.	a)	Build a c# program to count number of 1's in a given number.	6M	3	L3
	b)	List the advantages of .NET technologies over other technologies.	6M	2	L2
		UNIT–II			
3.	a)	Develop a C# program to get 2 arrays as input and produce a 3rd array by appending one to other.	6M	3	L3
	b)	Explain in detail about defining and using functions in C#.	6M	1	L2
		OR			
4.	a)	Develop a C# program to search for substrings in a given string.	6M	3	L3
	b)	Define an array. How to declare and initialize arrays in C#.	6M	1	L2
		UNIT–III			
5.	a)	Demonstrate the procedure to create a Data table in data set with an example.	6M	3	L3
	b)	Develop a method to add a DataColumn into DataTable using ADO.NET	6M	3	L3
		OR			
6.		What is ADO Technology? How does it differ from ADO.NET Technology? Explain.	12M	1	L2
		UNIT–IV			
7.		Explain ASP.NET application life cycle.	12M	1	L2
		OR			
8.	a)	Discuss the process of building an ASP.NET webpage using code files.	6M	2	L2
	b)	List and brief on life cycle methods of ASP.NET.	6M	2	L2
		UNIT–V			
9.		Define WSDL and UDDI. What are the various components of WSDL? What is the use of WSDL.exe utility?	12M	2	L2
		OR			
10.	a	Illustrate how to create a simple web service AJAX	6M	2	L2
	b	List the steps to call a web service from a browser.	6M	2	L2

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