GUJARAT TECHNOLOGICAL UNIVERSITY
B.VOC- SEMESTER–IV EXAMINATION – WINTER 2024

Subject Code:21140203   **Date:26-11-2024**
Subject Name:Window Configuration and Server Administration
Time:02:30 PM TO 04:30 PM   **Total Marks:50**
Instructions:
1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**
4. **Simple and non-programmable scientific calculators are allowed.**

			Marks
Q.1	**(a)**	Draw and explain .Net framework architecture.	**05**
	(b)	Explain ADO.NET DataSet and DataTable.	**05**
Q.2	**(a)**	How to install windows services application?	**05**
	(b)	Explain Win32OwnProcess and in32ShareProcess in detail.	**05**
		OR	
	(b)	Explain any five Data Bound Controls in brief.	**05**
Q.3	**(a)**	Discuss various types of network topologies.	**05**
	(b)	Draw and explain OSI Model.	**05**
		OR	
Q.3	**(a)**	Explain the different classes of IP address in detail.	**05**
	(b)	Explain TCP/IP model in detail.	**05**
Q.4	**(a)**	Demonstrate the use of disk management tools in detail.	**05**
	(b)	What is fault tolerance? How to implement it?	**05**
		OR	
Q.4	**(a)**	Explain disk management tools. Describe disk quota in detail.	**05**
	(b)	What is active directory (AD)? Explain its components in detail.	**05**
Q.5	**(a)**	What is DHCP? Explain in detail.	**05**
	(b)	What is the DHCP process for client machine? Also explain DHCP in brief.	**05**
		OR	
Q.5	**(a)**	What is domain controller? Explain it in detail.	**05**
	(b)	Explain Primary Zone, Secondary Zone and Stub Zone in DNS.	**05**

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