

GUJARAT TECHNOLOGICAL UNIVERSITY

B.VOC- SEMESTER-IV EXAMINATION – SUMMER 2025

Subject Code:21140203

Date:15-05-2025

Subject Name: Window Configuration and Server Administration

Time:10:30 AM TO 12:30 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) Explain various types of network topologies.	05
	(b) Explain components of Active Directory.	05
Q.2	(a) Explain .Net Framework Architecture with its components.	05
	(b) Explain .net page life cycle stages in Details.	05
	OR	
	(b) Explain .net page life events stages in Details.	05
Q.3	(a) Explain data access method for windows application with example.	05
	(b) Write ADO.NET program which shows records from doctor_masters(name, email, city, phone) on console.	05
	OR	
Q.3	(a) Explain master page and theme page in windows-based application.	05
	(b) Write Windows Application Deployment method with the help of an example.	05
Q.4	(a) Draw and explain TCPI/IP Model. Also differentiate it with OSI model.	05
	(b) Write a short note on UDP.	05
	OR	
Q.4	(a) Draw and Explain OSI model. Also differentiate it with TCP/IP model.	05
	(b) Explain various transmission media.	05
Q.5	(a) What is the DHCP process for client machine? Also explain DHCP in brief.	05
	(b) Explain forward lookup and backward lookup in DNS.	05
	OR	
Q.5	(a) Explain OU Structure in Active Directory.	05
	(b) Explain Primary Zone, Secondary Zone and Stub Zone in DNS.	05
