Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA ENGINEERING – SEMESTER – VI• EXAMINATION – SUMMER 2016

Subject Code: 360708   **Date: 19/05/2016**
Subject Name: Network Operating System
Time: 10:30 AM to 01:00 PM   **Total Marks: 70**

Instructions:
    1.   **Attempt all questions.**
    2.   **Make Suitable assumptions wherever necessary.**
    3.   **Figures to the right indicate full marks.**
    4.   **Use of programmable & Communication aids are strictly prohibited.**
    5.   **Use of only simple calculator is permitted in Mathematics.**
    6.   **English version is authentic.**

Q.1	(a)	Explain roles of Network Administrator .	**07**
	(b)	How user can protect its OS-Hardware –and Data ?	**07**
Q.2	(a)	Explain Novell Netware in brief	**07**
	(b)	Explain strength and weakness of Window NT.	**07**
		OR	
	(b)	Explain ping and trace route commands	**07**
Q.3	(a)	Explain Network collision and Internetworking issues	**07**
	(b)	List common networking problems	**07**
		OR	
Q.3	(a)	Explain RAS transport services and capabilities	**07**
	(b)	Explain Active Directory Services(ADS)	**07**
Q.4	(a)	Explain importance of data Security in planning of n/w.	**07**
	(b)	Traditional services of NOS	**07**
		OR	
Q. 4	(a)	Explain Directory framework in brief	**07**
	(b)	List Remote Access Service(RAS) protocols and securities	**07**
Q.5	(a)	Compare OS and NOS with various aspects	**07**
	(b)	Explain Denial – of –Service attack	**07**
		OR	
Q.5	(a)	Expalin DNS and SAP	**07**
	(b)	List and explain network traffic related issues	**07**

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ગુજરાતી

પ્રશ્ન. ૧	અ	Network Administrator નો roles સમજાવો.	૦૭
	બ	OS-Hardware –and Data ને user કેવી રીતે protect કરે તે સમજાવો	૦૭
પ્રશ્ન. ૨	અ	Novell Netware વિશે સમજાવો.	૦૭
	બ	Window NT ની strength and weakness વિશે સમજાવો	૦૭

અથવા

	બ	ping and trace route commands વિશે સમજાવો	૦૭
પ્રશ્ન. ૩	અ	Network collision and Internetworking issues વિશે સમજાવો	૦૭
	બ	common networking problems વિશે સમજાવો	૦૭

અથવા

પ્રશ્ન. ૩	અ	RAS transport services and capabilities વિશે સમજાવો	૦૭
	બ	Active Directory Services(ADS) વિશે સમજાવો	૦૭
પ્રશ્ન. ૪	અ	Explain importance of Data Security in planning of n/w.	૦૭
	બ	NOS ની traditional services વિશે સમજાવો	૦૭

OR

પ્રશ્ન. ૪	અ	Directory framework વિશે સમજાવો	૦૭
	બ	Remote Access Service(RAS) protocols and securities વિશે સમજાવો	૦૭
પ્રશ્ન. ૫	અ	OS and NOS with various aspects ની સરખામણી કરો	૦૭
	બ	Denial – of –Service attack વિશે સમજાવો	૦૭

અથવા

પ્રશ્ન. ૫	અ	DNS and SAP વિશે સમજાવો	૦૭
	બ	network traffic related issues વિશે સમજાવો	૦૭

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