## GUJARAT TECHNOLOGICAL UNIVERSITY BE SEMESTED VIILEYAMINATION SUMMED 2016

<b>BE - SEMESTER-VIII EXAMINATION – SUMMER 2016</b>			
Subject Code:183202			Date:10/05/2016
Subject Name:System and Networks Security			
Time:10:30 AM to 01:00 PM			Total Marks: 70
Instructions:			
<ol> <li>Attempt all questions.</li> <li>Make suitable assumptions wherever necessary.</li> <li>Figures to the right indicate full marks.</li> </ol>			
0.1			07
Q.1	(a) (b)	Explain Ethernet and ATM. Explain design issues in layers.	07
Q.2	(a)	Explain network software services primitive.	07
	<b>(b)</b>	Compare TCP/IP and OSI model.	07
		OR	07
	<b>(b)</b>	Explain trusted system.	07
Q.3	<b>(a)</b>	Explain security services.	07
	<b>(b)</b>	Explain network security model.	07
OR			
Q.3	(a)	Explain firewall design principal.	07
	<b>(b)</b>	Explain password management system.	07
Q.4	<b>(a)</b>	Explain data encryption standard.	07
-	<b>(b)</b>	Explain conventional cryptosystem model	07
OR			
Q.4	<b>(a)</b>	Explain types of security attacks.	07
	<b>(b)</b>	Explain pervasive security mechanism.	07
Q.5	(a)	Explain stenography.	07
C	<b>(b)</b>	Explain viruses and related threats.	07
OR			
Q.5	<b>(a)</b>	Explain substitution and transposition techniques.	07
	<b>(b</b> )	Explain secure electronic transfer and password management.	. 07

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