Seat 1	Seat No.: Enrolment No				
		GUJARAT TECHNOLOGICAL UNIV	VERSITY		
	B.PE	IARM – SEMESTER – VII • EXAMINATION -	<b>- WINTER - 2015</b>		
Subject Code: 2270006 Date: 16/12/2015					
Subject Name: Cyber Security					
Time: 10.30 AM to 1.30 PM  Total Marks: 80					
Instructions:					
		empt any five questions.			
		ke suitable assumptions wherever necessary.			
3.	. Fig	ures to the right indicate full marks.			
Q.1	(a)	Explain the VPN architecture and how can we implement advantages of VPN?	firewall with	06	
	<b>(b)</b>	Write a short note on web security.		05	
	(c)	Write a short note on social engineering.		05	
Q.2 (a) What is Firewall? Dis		What is Firewall? Discuss different types of firewall in de	ass different types of firewall in detail. <b>06</b>		
<b>~</b> ·-	(b) Discuss in detail about computer network intrusions.			05	
	(c)	Write a short note on social media.		05	
Q.3	3 (a) Enumerate various methods of attack on computer network and discuss in d any two of them.		rk and discuss in detail	06	
	<b>(b)</b>	Discuss in brief about digital payment frauds.		05	
	(c)	Compare Linux and Windows firewall.		05	
Q.4	(a)	Explain following terms in detail:		06	
<b>~</b> ··	(4)	1. Spyware		0.0	
		2. Trojan			
		3. Virus			
	<b>(b)</b>	What is steganography? Discuss in detail.		05	
	(c)	Discuss briefly attacks on wireless network.		05	
Q.5	(a)	Explain following terms in detail :		06	
Q.S	(4)	1. DOS attack		00	
		2. SQL injection			
		3. Buffer overflow			
	<b>(b)</b>	What is cyber stalking? How cyber stalking works?		05	
	(c)	Enlist various types of attack on mobile phones and discuthem.	ass in detail any two of	05	
Q. 6	(a)	Write a short on IPR.		06	
<b>~</b> . °	(b)	Enumerate various types of security services and explain	any two of them in	05	
	` ′	detail.	•		
	<b>(c)</b>	Discuss security challenges posed by mobile devices.		05	
Q.7	(a)	Explain cybercrimes and discuss its types.		06	
	<b>(b)</b>	Enlist various types of security mechanism. Discuss any t	two of them in detail.	05	

\*\*\*\*\*\*

**05** 

Write a short note on cloud computing.

**(c)**