Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – VII • EXAMINATION – WINTER • 2016

Subject Code: 2270006   **Date: 29-11-2016**
Subject Name: Cyber Security
Time: 10:30 am - 01:30 pm   **Total Marks: 80**

Instructions:
1. **Attempt any five questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

Q.1	**(a)**	Explain the following terms: 1. DOS attack 2. SQL Injection 3. Trojan	**06**
	(b)	Write a short note on cybercrimes.	**05**
	(c)	Write a short note on cyber security.	**05**
Q.2	**(a)**	How a firewall protects a network.	**06**
	(b)	Write a short note on Patent law.	**05**
	(c)	What is Firewall? Discuss different types of firewall in detail.	**05**
Q.3	**(a)**	Write a note on security challenges posed by mobile devices.	**06**
	(b)	Enumerate various types of security services and explain any two of them in detail.	**05**
	(c)	Write down different security measures in organization for handling mobile devices	**05**
Q.4	**(a)**	Write a short note on Cyber stalking.	**06**
	(b)	How do recognizing and defining a computer crime?	**05**
	(c)	Write a short note on cloud computing.	**05**
Q.5	**(a)**	Explain following terms in detail 1. Spamming 2. Buffer overflow 3. Backdoors	**06**
	(b)	What is steganography? Discuss in detail.	**05**
	(c)	Discuss in brief about digital payment frauds.	**05**
Q. 6	**(a)**	Write a short note on Virtual Private Network.	**06**
	(b)	Write a short note on cloud computing.	**05**
	(c)	Enlist various types of security mechanism. Discuss any two of them in detail.	**05**
Q.7	**(a)**	Explain following terms in detail 1. Keyloggers 2. E-mail bombing 3. Webjacking	**06**
	(b)	Write difference between Active attack and Passive attack.	**05**
	(c)	Write an overview of security risk in social media.	**05**

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