Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

## **B.PHARM. - SEMESTER- VII • EXAMINATION - SUMMER-2016**

Subject Code: 2270006 Date: 13/05/2016

**Subject Name: Cyber Security** 

Time: 2:30 PM to 5:30 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 cybercrime and information security in detail and list the cybercriminals	06
	(b) (c)	Explain cybercrime against the individuals. Explain cybercrime against the organization.	05 05
Q.2	(a) (b) (c)	Explain active and passive attacks in network security in details.  Define cyber stalking and mechanism of it also list the types of stalkers.  Write a short note on Cyber laws in India.	06 05 05
Q.3	(a) (b) (c)	How a firewall protects a network.  Short note on Cloud Computing and its need.  Explain intrusion detection system and windows firewall.	06 05 05
Q.4	<ul><li>(a)</li><li>(b)</li><li>(c)</li></ul>	Credit card frauds on mobile and wireless devices and give different measures for stoping it.  Write down different security measures and policies in organization for handling mobile and wireless devices  Explain different attacks on mobile phones and wireless devices	06 05 05
Q.5	(a) (b) (c)	Explain DoS and DDoS attack. Explain: 1)Keyloggers and spyware 2)Trojans and Backdoors Explain: 1)SQL injection 2)Buffer overflow	06 05 05
Q. 6	(a) (b) (c)	Brief note on different computer frauds.  Short note on preventing data on lost devices.  Explain E-Mail threats and how to prevent it	06 05 05
Q.7	(a) (b) (c)	How to Reduce Your Organization's Social Media Security Risk Explain Intellectual property rights (IPR) theft and its impact on cyber security. Give overview of different web threats to organization.	06 05 05

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