

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