**(Printed Pages 01)**

**Roll No. \_\_\_\_\_\_\_\_\_\_\_\_**

**BCA-5213**

**BCA (V Semester) Examination, Dec-2018**

**COMPUTER SCIENCE**

**Information Security and Cyber Law**

*Time Allowed: Three Hours] [Maximum Marks: 70*

**Note:** Answer **all** questions.

**Q.1** Attempt any six of the following questions. **5\*6=30**

1. Define information security and write down various needs of information security for modern information system.
2. Classify various threats to information system.
3. Define the terms Plain Text and Cipher Text.
4. What is public key encryption?
5. Discuss about Trojan and Worms.
6. What are different security threats to E-Commerce?
7. Write down few tips for safe computing.
8. Define the term hacking.

**Q. 2** What is information assurance? How it is provided? **10**

OR

Discuss about the three pillars of information security Confidentiality, Integrity and Availability.

**Q.3** Discuss about Firewalls. What are different types of Firewall techniques? **10**

OR

What do you know about Digital Signature? How can we use it to authenticate and secure digital documents?

**Q4.** What is spoofing? Also discuss about different types of spoofing? **10**

OR

Discuss about different security threats to E-Commerce.

**Q5.** What are different advantages and challenges of Cyber Law in India? **10**

OR

Discuss about unauthorized access of computers and online banking fraud. Also discuss about the provisions made in Indian IT Act against these crimes.