## SPECIAL SUPPLE B.TECH/IT/7TH SEM/INFO 4142/2018

## CYBER LAW AND SECURITY POLICY
### (INFO 4142)

**Time Allotted : 3 hrs**                                      **Full Marks : 70**

*Figures out of the right margin indicate full marks.*

*Candidates are required to answer Group A and*
*<u>any 5 (five)</u> from Group B to E, taking <u>at least one</u> from each group.*

*Candidates are required to give answer in their own words as far as practicable.*

### Group – A
### (Multiple Choice Type Questions)

1.  Choose the correct alternative for the following:                **10 × 1 = 10**

    (i)   _____ is a written Cyber defamation.
          (a) Slander                              (b) Libel
          (c) Ribel                                (d) None of these.

    (ii)  _____ is an example of Cybercrime against property.
          (a) Logic bomb                           (b) Cyberterrorism
          (c) Password sniffing                    (d) Internet time theft.

    (iii) _____ hat hacker discloses information about security holes in public.
          (a) White                                (b) Black
          (c) Grey                                 (d) Brown.

    (iv)  Which tool is used to launch DoS attack?
          (a) Trinoo                               (b) Targa
          (c) Crazy Pinger                         (d) Both (b) and (c).

    (v)   _____ makes untraceable activity on the Internet.
          (a) Proxy server                         (b) Malwares
          (c) Keyloggers                           (d) Anonymizer.

    (vi)  Phishing method that relies on introducing malicious code into websites and E-Mails is
          (a) Dragnet                              (b) Gillnet
          (c) Rod and Reel                         (d) All of these.

    (vii) Filter evasion is a _____ technique.
          (a) Identity Theft                       (b) Vishing
          (c) Phishing                             (d) None of these.

(viii) _____ Identity theft involves personal information from many victims and combines them.
(a) Financial                                           (b) Child
(c) Medical                                           (d) Synthetic.

(ix) What is the self replicating program called?
(a) Keylogger                                       (b) Cracker
(c) Worm                                          (d) All of the above.

(x) In _____ identity theft victim's life is compromised.
(a) Synthetic                                       (b) Business
(c) Child                                          (d) Identity cloning.

## Group – B

2. (a) State the different classifications of Cybercrime. Explain two Cybercrimes in each classification.

(b) Differentiate between Techno-crime and Techno-vandalism.
**(2 + 8) + 2 = 12**

3. (a) What is Cyberstalking? Explain the types of stalkers. How does Cyberstalking work? (Explain all steps in detail)

(b) Explain any four Active attack tools used in Cybercrime.
**(2 + 2 + 4) + 4 = 12**

## Group – C

4. (a) What is Keylogger? Differentiate between Software and hardware Keylogger.

(b) Discuss different types of virus. How Bluetooth devices are hacked?
**(2 + 4) + (3 + 3) = 12**

5. (a) What is Vishing attack? How does it work? Suggest some techniques to prevent Vishing attack?

(b) What is Smishing? Suggest some suitable tips to protect from Smishing attack.
**(2 + 2 + 2) + (2 + 4) = 12**

## Group – D

6. (a) What is Anonymizer? State the purposes of Proxy server. Differentiate between Strong, Weak and Random Passwords.

    (b) Discuss the functions of Backdoor.

    **(1 + 3 + 5) + 3 = 12**

7. (a) How to prevent SQL Injection attack? What is Buffer Overflow attack?

    (b) What is Permanent Denial of Service (PDoS) attack? State the preventive measures of DoS attack. (Any four)

    **(4 + 2) + (2 + 4) = 12**

## Group – E

8. (a) Explain the different types of Identity Theft in detail.

    (b) Explain the methods of Phishing.

    (c) Differentiate between Whaling and Spear Phishing.

    **6 + 4 + 2 = 12**

9. (a) Discuss different Phishing techniques in detail.

    (b) State and discuss the steps of Forensic investigation.

    **6 + 6 = 12**