

CS/B.Tech/Even/IT/8th Sem/IT-802B/2014  
2014

**Cyber Law and Security Policy**

*Time Allotted : 3 Hours*

*Full Marks : 70*

*The figure in the margin indicate full marks  
Candidates are required to give their answers in their  
own words as far as practicable*

**GROUP-A**

**(Multiple Choice Type Questions)**

1. Choose the correct alternatives for any ten of the following:  
10x1=10

- i) Sniffing is a technique used for
- a) Attacks on computer hardware.
  - b) Attacks on computer software.
  - c) Attacks on operating system.
  - d) Attacks on wireless network.
- ii) Which of the following is India's first cyber law?
- a) ITA 1998
  - b) ITA 1999
  - c) ITA 2000
  - d) ITA 2001
- iii) Which of the following is a social engineering site?
- a) ebay
  - b) Facebook
  - c) Amazon
  - d) CWB
- iv) Section 67 of ITA 2000 is associated with which of the following cybercrime?
- a) Tempering with computer source documents.
  - b) Misrepresentation.

- c) Publishing digital signature in false.
- d) Transmitting obscene material in electronic form.
- v) Skimming means
  - a) Stealing ATM PIN information.
  - b) Stealing telephonic information.
  - c) Stealing identity.
  - d) None of these
- vi) What is the full form of CERT/CC?
  - a) Computer Engineering Response Team Co-ordination Center.
  - b) Computer Emergency Record Team Co-ordination Center.
  - c) Computer Emergency Response Team Co-ordination Center.
  - d) Computer Engineering Record Team Co-ordination Center.
- vii) Steganography is used for
  - a) Digital imaging.
  - b) Digital watermarking.
  - c) Digital signal processing.
  - d) Photoshop.
- viii) DLL stands for
  - a) Dynamic Link Library.
  - b) Digital Link Library.
  - c) Distributed Link Library.
  - d) Domain Link Library.
- ix) Changing of raw data is known as
  - a) Salami attack.
  - b) Data diddling.
  - c) Forgery.
  - d) Web jacking.
- x) Pharming is used for
  - a) Data hiding.
  - b) Data alteration.
  - c) Hosts file poisoning.
  - d) File overriding.
- xi) LDAP stands for
  - a) Lightweight Directory Access Protocol.
  - b) Lightweight Data Access Protocol.
  - c) Lightweight Domain Access Protocol.
  - d) Lightweight DNS Access Protocol.

- xii) The term 'Bluetooth' has been taken from
  - a) Danish blue sea.
  - b) Finish blue sea.
  - c) Danish king Harald Batand.
  - d) Norway hill.

### GROUP B

(Short Answer Type Questions)  
Answer any *three* of the following

3x5=15

- 2) Explain the difference between "Cybercrime" and "Cyber fraud".
- 3) What is Phishing? What are the different methods of phishing attack?
- 4) Explain the difference between Passive Attacks and Active Attacks. Give example of each.
- 5) Discuss how "perception" makes people least suspect cybersecurity threats through mobile computing hand-held devices. What measures do you recommend against this situation?
- 6) What is the difference between proxy server and anonymizer? What is virus hoax?

### GROUP C

(Long Answer Type Questions)  
Answer any *three* of the following.

3x15 = 45

7. a) Write the difference between Hackers, Crackers and Phreakers?
- b) What is brute force hacking? What is War dialer?
- c) What is Reconnaissance in the world of hacking?
- d) What is Patriot hacking? What is cyberdefamation?

(6+2+3+4)

8. a) What is Cyberstalking? What are the different types of Stalkers?  
b) What is E-Mail spoofing? What is spamming?  
c) What is Cyberbullying?  
d) Explain the different attacks launched with attack vector.

(6+4+2+3)

9. a) What kinds of attacks are possible on mobile/cell phones? Explain with examples.  
b) What is the difference between a virus and a worm?  
c) What is the difference between steganography and cryptography?  
d) What is Blind SQL Injection attack? Can it be prevented?

(4+4+4+3)

10. a) What is whaling? Explain the difference between Whaling and Spear Phishing.  
b) What is identity theft? What are the different types of ID theft?  
c) Explain three Ps of cybercrime.  
d) What is DNS redirection? (5+4+3+3)

11. a) What is the meaning of the term "Cyberlaw"?

- b) What is the difference between Trojan Horses and backdoors?

- c) Write short note: (any two)

i. WAPkitting and WAPjacking

ii. Dos and DDos

iii. Smishing

iv. Cloud computing and cybercrime

(4+5+6)

X-X-X