



# WEST BENGAL UNIVERSITY OF TECHNOLOGY

## IT-802B

### CYBER LAW & SECURITY POLICY (HSS)

Time Allotted: 3 Hours

Full Marks: 70

*The questions are of equal value.*

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable. All symbols are of usual significance.*

### GROUP A

#### (Multiple Choice Type Questions)

1. Answer *all* questions. 10×1 = 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 a social engineering site?

- (A) ebay
- (B) Facebook
- (C) Amazon
- (D) CWB

(iii) 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

(iv) Skimming means

- (A) Stealing ATM PIN information
- (B) Stealing telephone information
- (C) Stealing identity
- (D) None of these

(v) What is the full form of CERT/CC?

- (A) Computer Engineering Response Team Co-ordination Centre
- (B) Computer Emergency Record Team Co-ordination Centre
- (C) Computer Emergency Response Team Co-ordination Centre
- (D) Computer Engineering Record Team Co-ordination Centre

(vi) Steganography is used in

- (A) Digital imaging
- (B) Digital watermarking
- (C) Digital signal processing
- (D) Photoshop

(vii) Changing of raw data is known as

- (A) Salami attack
- (B) Data diddling
- (C) Forgery
- (D) Web jacking

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(viii) Pharming is used for

- (A) Data hiding (B) Data alteration  
(C) Hosts file poisoning (D) File overriding

(ix) LDAP stands for

- (A) Lightweight Directory Access Protocol  
(B) Lightweight Data Access Protocol  
(C) Lightweight Domain Access Protocol  
(D) Lightweight DNS Access Protocol

(x) The term 'Bluetooth' has been taken from

- (A) Danish blue sea (B) Fine blue sea  
(C) Danish king Harald Batand (D) Norway hill

**GROUP B**  
(Short Answer Type Questions)

Answer any *three* questions.

3×5 = 15

- |    |   |     |
|----|---|-----|
| 2. | Discuss about the impact of IT act amendments on IT organizations.                      | 5   |
| 3. | What is SQL injection? How it can be prevented?   | 2+3 |
| 4. | What is Vishing? What are different Vishing techniques?                                 | 2+3 |
| 5. | What is software piracy? Discuss about the preventive measures against software piracy. | 2+3 |
| 6. | Define Identity Theft (ID Theft). Write down the different technique of ID Theft.       | 2+3 |

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**GROUP C**  
(Long Answer Type Questions)

Answer any *three* questions.

3×15 = 45

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|-----|---|---------------|
| 7.  | (a) What is DDoS Attacks? Write down the tools used to launch DDoS attacks.<br>(b) Write down the types or levels of DoS attacks?<br>(c) Define Trojan virus with example.  | 3+2<br>5<br>5 |
| 8.  | (a) Define The IT Act 2000. Write down the positive aspect of the ITA 2000.<br>(b) Write down the main object of IT act 2000.<br>(c) Write down the amendments to the Indian IT Act.  | 2+3<br>5<br>5 |
| 9.  | (a) What is Phishing? Write down the different types of modern Phishing techniques.<br>(b) Explain the different method of Phishing.<br>(c) Write down the different Phishing countermeasures.                                | 1+4<br>5<br>5 |
| 10. | (a) Write down the basic safety and security tips to prevent Cybercafé from cyber threat.<br>(b) Write down the types and techniques of Credit card frauds.<br>(c) Write down the difference between Computer Virus and Worm. | 5<br>5<br>5   |
| 11. | Write short notes on any <i>three</i> of the following:<br>(a) Social Engineering and Cybercrime<br>(b) Active attack<br>(c) Hacking Cybercrime<br>(d) Botnet<br>(e) Cyber stalking<br>(f) Mobile viruses                     | 3×5           |