



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.

: 70

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

: 10

(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?
- Mem (A) Tempering with computer source documents
Nam (B) Misrepresentation
Guar (C) Publishing digital signature in false
Cate (D) Transmitting obscene material in electronic form
- Pres (iv) Skimming means
(A) Stealing ATM PIN information
(B) Stealing telephone information
(C) Stealing identity
(D) None of these
- Perm (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
- Resid (vi) Steganography is used in
E-ma (A) Digital imaging (B) Digital watermarking
Strea (C) Digital signal processing (D) Photoshop
- Acac (vii) Changing of raw data is known as
(A) Salami attack (B) Data diddling
User (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

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(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

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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

= 10

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

GROUP C
(Long Answer Type Questions)

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Nan	Answer any <i>three</i> questions.	3×15 = 45
Gua	7. (a) What is DDoS Attacks? Write down the tools used to launch DDos attacks.	3+2
Cate	(b) Write down the types or levels of DoS attacks?	5
	(c) Define Trojan virus with example.	5
Pres	8. (a) Define The IT Act 2000. Write down the positive aspect of the ITA 2000.	2+3
	(b) Write down the main object of IT act 2000.	5
	(c) Write down the amendments to the Indian IT Act.	5
Perr	9. (a) What is Phishing? Write down the different types of modern Phishing techniques.	1+4
	(b) Explain the different method of Phishing.	5
	(c) Write down the different Phishing countermeasures.	5
Res	10.(a) Write down the basic safety and security tips to prevent Cybercafé from cyber threat.	5
E-π	(b) Write down the types and techniques of Credit card frauds.	5
Stre	(c) Write down the difference between Computer Virus and Worm.	5
Acc	11. Write short notes on any <i>three</i> of the following:	3×5
	(a) Social Engineering and Cybercrime	
	(b) Active attack	
	(c) Hacking Cybercrime	
Use	(d) Botnet	
—	(e) Cyber stalking	
	(f) Mobile viruses	

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