

CS/B.Tech/CSE/Even/Sem-8th/CS-802B/2015



WEST BENGAL UNIVERSITY OF TECHNOLOGY

CS-802B

CYBER LAWS & 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) Programs that multiply like viruses but spread from computer to computer are called as:

- (A) Worms (B) Virus
(C) Boot (D) None of these

(ii) Act of attempting to acquire information such as usernames, passwords, and credit card details by masquerading as a trustworthy entity is called

- (A) Email bombing (B) Spamming
(C) Cyber stalking (D) Phishing

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(iii) In cyber law terminology 'DOS' means:

- (A) Denial Of Service (B) Disc Operating System
(C) Distant Operator Service (D) None of these

(iv) The use of the Internet or other electronic means to stalk or harass an individual, a group of individuals, or an organization is termed:

- (A) Cyberspace (B) Cyber Stalking
(C) Pornography (D) None of these

(v) Hacking web server & taking control on another person's website is called as Web.....

- (A) Spoofing (B) Hijacking
(C) Spamming (D) None of these

(vi) Which of the following is a cybercrime?

- (A) Hacking (B) Cyber bullying
(C) Virus attack (D) All of these

(vii) The practice of making a transmission appears to come from an authorized user.

- (A) Hacking (B) Spoofing
(C) Spamming (D) Spamdexing

(viii) Section 66F of IT Act deals with

- (A) Cyber stalking (B) Email bombing
(C) Child pornography (D) Cyber terrorism

(ix) Which section of IT Act covers most of the common crimes arising out of "Unauthorised Access"?

- (A) Section 66 (B) Section 67
(C) Section 73 (D) Section 74

(x) India's first cyber police station is located at

- (A) Delhi (B) Bangalore
(C) Chennai (D) Mumbai

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GROUP B
(Short Answer Type Questions)

Answer any *three* questions.

3×5 = 15

2. (a) Give a brief comparison between a conventional crime and a cyber crime. 2+3
- (b) List the motives and reasons behind cyber crimes.
3. Explain different viruses on laptop. 5
4. (a) What is Denial of Service attack? 2+3
- (b) What are the different types of Denial of Service attacks?
5. Define strong, weak and random password with examples. 5
6. (a) What are Trojan Horses? 2+3
- (b) How do they infect the system?

GROUP C
(Long Answer Type Questions)

Answer any *three* questions.

3×15 = 45

7. (a) Write down the basic safety and security tips to prevent cybercafe from cyber threat. 5+5+5
- (b) Write down the different types of Credit Card frauds.
- (c) Write down the difference between computer virus and worm.
8. (a) What is a proxy server? Write down the purposes of a proxy server. 2+3

- (b) What is buffer overflow? Explain various types of buffer overflow. How to minimize buffer overflow? 2+4+4

9. (a) What is Phishing? Write down the different types of modern Phishing techniques. 1+4
- (b) Define Identity Theft (ID theft). What is Personally Identifiable Information (PII)? 2+3
- (c) Write down the different Phishing countermeasures. 5
10. (a) Why do we need cyber laws in Indian Context? 2
- (b) Explain the positive aspects and weak area of the ITA 2000. 3+3
- (c) What are the challenges to Indian law and cyber crime scenario in India? 3
- (d) What is public key certificate? 4
11. Write short notes on any *three* of the following: 3×4
- (a) Dumpster Diving
- (b) Computer Network Intrusion
- (c) Identity Theft
- (d) Forgery
- (e) Passive attack vs Active attack
- (f) SQL injection