

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
B.Tech. Summer 2018 - 19 Examination

Semester:5
Subject Code:03105346
Subject Name: Cyber Security (Inst. Elective)

Date:20/05/2019
Time:10:30am to 01:00pm
Total Marks: 60

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Start new question on new page.

Q.1 Objective Type Questions - (All are compulsory) (Each of one mark) (15)

1. To protect a computer from virus, you should install _____ in your computer.
A. antivirus B. disk defragmenter C. disk cleanup D. backup wizard
2. Which of the following is known as Malicious software?
A. maliciousware B. illegalware C. badware D. malware
3. A _____ is a computer program that can invade computer and perform a variety of functions ranging from annoying (e.g. popping up messages as a joke) to dangerous (e.g. deleting files)
4. The altering of data so that it is not usable unless the changes are undone is
A. biometrics B. encryption C. ergonomics D. compression
5. VIRUS stands for _____.
6. Which of the following is/are threats for electronic payment systems?
A. Computer virus B. Computer worms C. Trojan horse D. All of the above
7. Authentication is
A. assure identity of user on a remote system B. insertion
C. modification D. none of the above.
8. Key logger is a _____.
9. To protect yourself from computer hacker, you should turn on a
A. Firewall B. Script C. Antivirus D. VLC
10. are used in denial of service attacks, typically against targeted web sites.
11. What is the name of the Act that governs internet usage in India?
A. The Internet consumption Act, 1998 B. The Information Technology Act, 2004
C. The IT Gazette of India Act, 2004 D. None of these
12. If you receive an email claiming to need your username and/or password, what should you do?
A. Report it as phishing/spam through your email provider B. Delete the message
C. Reply to the message with your email and password D. None
13. What is the best way to protect your information when you are away from your computer?
A. Lock the computer with a password B. Activate the screen saver
C. Turn the monitor off D. None
14. A strong password should contain:
A. Both uppercase and lowercase letters.
B. A word that is easy to remember, such as the name of a pet.
C. At least 8 characters, and a combination of letters, numbers, and characters.
D. None.
15. What kind of attempts is made by individuals to obtain confidential information from a person by falsifying their identity?
A. Phishing scams B. Computer Viruses C. Spyware Scams D. None of the Above

Q.2 Answer the following questions. (Attempt any three) (15)

A). Write a Short note on : Information Security.

B). Explain Different Types of Attack.

C). Describe Port Scanning in detail.

D). List out different NMAP Command.

Q.3 A). Write a Short note on: Firewall. **(07)**

Q.3 B). Explain DOS and DDOS attack with example. **(08)**

OR

Q.3 B). What is Vulnerability? Explain Types Vulnerability scanning in brief. **(08)**

Q.4 A). What is steganography? Explain in details. **(07)**

OR

Q.4 A). Write a Short note on : Cyber Law **(07)**

Q.4 B). What is Cyber Crime? Describe Different Category of Cyber Crime **(08)**