



SRI RAMAJAYAM GLOBAL SENIOR SECONDARY CBSE SCHOOL

Chapter-20 ONLINE ACCESS AND COMPUTER SECURITY (21.8.2020)

STD: XI

TIME: 1.30 Hour

SUBJECT: COMPUTER SCIENCE

TOTAL MARKS: 40

Section – A (One Marks)

I. Answer the following questions

10X1=10

1. Unsolicited commercial email is known as _____

- (a) Spam (b) Malware (c) Virus (d) Spyware

2. Firewall is type of _____.

- (a) Virus (b) Security threat (c) Worm (d) none of the above

3. Both email attachments and downloaded files can spread malware.

- (a) True (b) False

4. What should your response be if you receive an email stating that you have won a lottery or received some inheritance from an unknown person?

- (a) Send them email asking for further procedure
(b) Ignore it
(c) Mark it as spam and block it

5. What is a firewall?

- (a) A wall that is reinforced and cannot catch on fire.
(b) A program that protects against viruses.
(c) A filter for an Internet connection that monitors outgoing and incoming activity.

6. 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.

7. Which type of program can send out information about your web browsing activities or other personal details?

- (a) Cookies (b) Spam (c) Spyware (d) Trojan

8. Firewalls are to protect against

- (a) Virus Attacks (b) Fire Attacks
(c) Data Driven Attacks (d) Unauthorized Attacks

9. Like a virus, it is a self-replicating program it also propagates through computer network

- (a) Phishing scam (b) Worm (c) Spyware (d) Cracker

10. Which of the following is a class of computer threat?

- (a) Phishing (b) Soliciting (c) DoS Attacks (d) Stalking

Section – B (Two Marks)

II. Answer the following questions

5x2=10

11. What is a virus? What are the two similar programs like virus?
12. What is anti-virus software?
13. What is threat? How can it affect your computer?
14. Define: Worm and Trojan horse.
15. What is Eavesdropping? What security measures can you take up to prevent it?

Section – C (Three Marks)

III. Answer the following questions

4x3=12

16. Explain:
 - a) Spyware
 - b) Adware
 - c) Malware
17. What are different types of threats to computer security?
18. What do you understand by PC intrusion?
19. What is meant by phishing and spamming?

(or)

What type damages can be caused by viruses to your computer?

Section – D (Four Marks)

IV. Answer the following questions

2x4=8

20. What measures should you take to keep data secure?
21. *Internet security is a major issue for many people. The following is a list of five typical security issues:*
▲ pharming ▲ phishing ▲ spyware ▲ viruses
For each one, describe the security issue and suggest a way of protecting against it.

(or)

- a) Why spamming it become a big Internet issue?
- b) What is the significance of a firewall in a computer's security scheme?
- c) How to keep protected your computer?

M.VIJAYA KUMAR CS-PGT TIRUVANNAMALAI, TAMIL NADU

Email Id: vijay28soft@gmail.com

All the Best