

ST. ANDREWS SCOTS SR SEC SCHOOL

I.P Extension, Patparganj, Delhi – 110092

Session: 2025-26

Class: VI

Subject : Computer

Topic: Ch 1 answer key

A. Tick the correct option.

1. (iii) Cyberbullying
2. (ii) We can copy the content written by someone by taking his permission
3. (ii) Spamming
4. (iii) transaction
5. (ii) Norton
6. (i) Emotet

B. Fill in the blanks.

1. Malware
2. Biometric
3. Adware
4. Retina biometrics
5. Password

C. State whether True or False.

1. False
2. False
3. True
4. True
5. True

D. Answer the following questions.

1. What is meant by authentication? What are the types of authentication?

Ans: Authentication is the process of verifying a user's identity before granting access to a computer system. In private and public computer networks (including the internet), authentication is commonly done through the use of login passwords. Some of the authentication procedures are as follows:

- i) Password protection

- ii) Biometric Authentication
 - iii) Voice Recognition
2. How does a virus infect a computer?
- Ans: A computer virus is a program that is able to copy itself when it is run. It gets activated each time the program or file to which it is attached is opened or executed. It is the most common type of malware. It can spread itself by infecting other programs or files.
3. Explain the following malware:
- a. Trojan Horse
- Ans: A Trojan horse is a dangerous virus. It represents itself as helpful software program. Once the user clicks on it to agree to run it, it gains access to sensitive data and then modifies, blocks, or deletes the data.
- b. Spyware
- Ans: A spyware steals important information and data on the device, such as account passwords or bank details. It observes the user's activity without their knowledge.
4. Write any two symptoms of an infected computer.
- Ans: An infected computer system will:
- i. Start displaying unusual messages on the screen.
 - ii. Take more time to load the programs.
5. What are the ways we can protect our system from Malware attack?
- Ans: Ways to protect our computer are:
- i. Download only legal software
 - ii. Use the original version of windows
 - iii. Scan Pen drive, CD and any other external storage device for viruses before opening in computer.
6. What is a worm?
- Ans: A worm is similar to virus but it can copy itself and spread rapidly to any device attached. A worm does not need any program to activate it.

TECH TWISTER

A. Identify the following pictures and write their names:

- 1. AVG
- 2. Norton
- 3. McAfee

Competency based /Application based questions

- 1. He should scan the pen drive before using it, to protect his computer.
- 2. Suggest him to neither open these emails nor reply to them.