

CHAPTER 3

COMPUTER VIRUS

I. Short Answer Questions.

1. What is a computer virus?

Computer virus is a computer program which runs on any computer system without the user's knowledge.

2. State two ways of classifying a computer virus?

Virus can be classified into two categories on the basis of their behavior. They are:

- a. General Infectors: Worm, Trojan, Bomb
- b. System Infectors: Boot Sector Virus, Program Virus, Macro Virus, Stealth Virus

3. Define the following:

- a. Worm: these viruses are programs which don't affect the functioning of a system. Once these viruses enter, they attack the security zone of a computer System.
- b. Trojan: These viruses are destructive in nature. They move around the valid programs and get executed with a flashy opening screen.
- c. Bomb: These viruses remain inactive for a long time and wait for a specific data or specific event for the disaster.

II. Long Answer Questions.

1. What are the various ways to get virus attack to a computer system?

The various ways are:

- a. A virus infected floppy disk or other storage media.
- b. Pirated softwares
- c. Hired computer games or audio or video CDs.
- d. Browsing unwanted websites through internet.
- e. Unwanted mails in the spam folder.

2. How will you detect that a computer system is infected by viruses?

Some of the symptoms to detect a computer viruses are:

- a. The speed of the processor becomes slow.
- b. The disk drive light may flash constantly.
- c. The programs may not run.
- d. The system may frequently restart without the knowledge of the user.

3. Why do people spread viruses? Explain.

Some of the reasons are:

- a. They don't think about the consequences.
- b. They consider it to be the responsibility of someone else to protect systems from their creations.
- c. This is a way they fight with the authorities.
- d. They want to engage the antivirus vendors in a job.