WELLAND GOULDSMITH SCHOOL

Class- VII

Subject- Computer Science

Topic- Malicious Software

Answer Sheet:-

A) Answer the following:-

1) Computer viruses, worms Trojan horse spyware.

2) Fred Cohen was an American computer scientist who walked on the defensive techniques for computer viruses.

3) Spam is unsolicited unwanted email same to many people. It may contain advertisements or may spread Malware such as virus.

4) Boot sector virus, file infector virus, and macro virus.

5) It is a set of programs that are used to detect and remove viruses and other Malware from a computer.

6) McAfee, Kaspersky ,Avast, Norton, Quick Heal malware bytes and so on.

7) A Firewall is a software program used to protect a computer from hackers, viruses and worms that try to inspect it over the internet.

8) The very first computer virus first stuff Creeper virus that was detected on ARPANET in the early 1970.

B) Answer the following in details:-

1) Refer to page 22

2) Refer to page 26

3) Refer to page 22 (Did you know)

C) Give two examples of each:-

Worms - Code Red, Slammer

Trojan horse - Crack, Acid Rain

Macro Virus- Nuclear and DMV

Polymorphic Virus- Marburg, Satan Bug

Boot sector virus- Brain, Elk Cloner

Exercise from the textbook

A.1)c, 2)a, 3)c, 4)b, 5)a, 6)c

B.1)F ,2)T ,3)F ,4)F ,5)T ,6)T

C.1) worm

    2) antivirus

    3) metro

    4) adware

    5) Trojan

    6) spam

    7) sweeper

    8) quarantine

    9) virus

D.1. boot sector virus

    2. spyware

    3. polymorphic virus

    4. Spyware

    5. File infector virus

E. <u>Answer these questions:-</u>

1. The term Malware is a combination of two words malicious and software. Software such as computer viruses worms Trojans spyware sweeper and adware examples of Malware.

4. A polymorphic virus changes its Court every time it infects a new file. So it can have hundreds of different forms. Its purpose is to slow down the computer. A polymorphic virus is the most dangerous because it is difficult to detect.

5. Trojan horse

A Trojan horse is a program that appears to be safe but damages the computer once it runs. Do not reproduce by infecting other files like viruses nor do they replicate. Trojan can spread only when it is copied to another system. It can damage files; break passwords, make unauthorised transfers of money or unnecessarily download or upload files. Some examples of Trojan horses are Acid rain Crack and Vundu.

Worm

A worm is a program that copies itself from one computer to another or over a network. Unlike a virus a warm a is capable of running itself and does not need host program is designed only to spread from one system to another and not to cause damages in data of the system they pass through. The most dangerous worm is code rate. Other well-known worms are slammer worm and storm.

The End