## Internet and Viruses

**1.** What are the two important categories of resident virus?
(a) Fast infectors, slow infectors
(b) Macro infectors, micro infectors
(c) Primary infectors, secondary infectors
(d) File infectors, drive infectors

**2.** Which of the following software not only interrupts the normal working of a computer but also steals important data from it?
(a) Antivirus software      (b) Operating system
(c) Anti ware      (d) Malware

**3.** Which of the following technologies uses encryption to protect the privacy of all your data transmissions between two points?
(a) Secure Socket Layer      (b) Virtual Private Network
(c) Transport Layer Security      (d) All of these

**4.** When you copy the address book contents of one of your mobile phones to another mobile phone, where both your phones are in your two hands, you may be using ____ technology.
(a) Parallel      (b) Bluetooth
(c) Fidelity      (d) Personal

**5.** Identify the virus.
- It was distributed by David L. Smith.
- It was distributed as e-mail attachment.

(a) Melissa      (b) Code Red
(c) Blue Whale      (d) ILOVEYOU

**6.** Rerouting from a requested site to an undesired site without your intervention is called _____ .
(a) Pharming      (b) Spamming
(c) Hijacking      (d) Trapping

**7.** A low power WLAN technology that facilitates interoperability among smartphones and portable consumer devices such as headphones fitness accessories and heart rate monitor. It is also called "Bluetooth 4.0".
(a) Bluetooth Smart Ready
(b) Bluetooth Berry casting
(c) Bluetooth Handoff
(d) Podcasts

**8.** The technology that creates a secure and private connection between two or more computers is called a _____.
(a) Network Tethering      (b) Encryption
(c) FTP      (d) Secure Socket Layer

**9.** _____ is a software used by attackers to gain administrative rights to a computer.
(a) Root Kit      (b) BIOS
(c) Firmware      (c) Adware

**10.** Identify the following:
- It makes changes in a disk's file system.
- It creates the illusion that virus has infected every program on the disk,
- When a program is run from infected disk, it causes the virus to run as well.

(a) Cluster Virus      (b) Trojan horse
(c) Melissa      (d) Morris Worm

**11.** It was a computer worm whose primary's target were Internet server and it allowed attackers to have the same access to an infected machine as the current user. It was launched one week after 9/11 attack. Identify it.
(a) Melissa                     (b) Code Red
(c) Nimda                      (d) Sapphire

**12.** To access the internet, the ____ connects your computer to your phone line and provide access to the network.
(a) Operating system           (b) Browser
(c) Modem                      (d) Repeater

**13.** Websites that allows you to edit / modify / create / delete content are called
(a) Homepages                  (b) Digicast
(c) Podcasts                   (d) Blogs

**14.** A collection of websites connected with hyperlinks and that forms the part of the internet is referred as _____.
(a) Browser                    (b) WWW
(c) DNS                        (d) URL

**15.** Deliberately modifying the return address on an e-mail such that it seems to be coming from anyone but not the actual sender is called _____.
(a) Spoofing                   (b) Pharming
(c) Spamming                   (d) Rootkit

## Achievers Section (HOTS)

**16.** Match the following.

| Column – I | Column –II |
|---|---|
| (a) Password | (i) Detects and removes viruses and other malicious software from the computer |
| (b) Antivirus software | (ii) Protects information by converting it into unreadable code that cannot be deciphered easily by unauthorized |
| (c) Firewall | (iii) Secret sequence of characters that enables a user to control access to a computer program of file. |
| (d)Disk Encryption | (iv) A security system designed to protect a computer from hacker attacks |

(a) (a)-(iv), (b)-(i), (c)-(i), (d)-(ii)
(b) (a)-(iv), (b)-(i),(c)-(ii), (d)-(iii)
(c) (a)-(iv), (b)-(iii),(c)-(i), (d)-(ii)
(d) (a)-(iii), (b)-(i), (c)-(iv), (d)-(ii)

**17.** In which of the following ways computer worm spreads?
(i) Via e-mail attachments
(ii) Via hyperlinks to web or any such source or network
(iii) Via peer to peer networks
(a) Only (i)
(b) Only (ii)
(c) Only (iii)
(d) All (i), (ii) and (iii)

**18.** False reports about non-existent viruses, which claims how harmful the effect would be if suggested steps mentioned in the e-mails are not taken are called _____.
(a) Hoax
(b) Browser Object
(c) Cookies
(d) Exploitholic

**19.** Match the following,

| Column – I | Column – II |
|---|---|
| (a) Username | (i) Worldwide system of servers |
| (b) Hostname | (ii) Username @hostname |
| (c) E-mail | (iii) Unwanted e-mails |
| (d) DNS | (iv) Name given to the user |
| (e) Spam | (v) Name of the server |

(a) (a)-(iv), (b)-(v), (c)-(ii), (d)-(i), (e)-(iii)
(b) (a)-(iv), (b)-(v), (c)-(iii), (d)- (i),(e)-(ii)
(c) (a)-(v), (b)-(iv), (c)-(iii), (d)-(ii), (e)-(i)
(d) (a)-(iv), (b)-(v), (c)-(iii), (d)-(ii), (e)-(i)

**20.** An antivirus is an important program for the safety of your computer, because it
(a) Prevents, defects and removes destructive programs
(b) Allocate, spread and create malware
(c) Wipes your data from hard disk
(d) Maintain the CMOS setting

## HINTS & EXPLANATIONS

**1.** (a)

**2.** (d) : Malware programs are specifically designed to disrupt, damage, or gain authorized access to a computer system.

**3.** (a)

**4.** (b)

**5.** (a)

**6.** (a) : Pharming is the technique of directing a user to a website that mimics the appearance of a legitimate one.

**7.** (a)

**8.** (d)

**9.** (a)

**10.** (a)

**11.** (c)

**12.** (c) : It converts digital signal into analog signals and analog signals to digital.

**13.** (d) :A blog is a website consisting of entries appearing in reverse chronological order with the most recent entry appearing first.

**14.** (b)

**15.** (a)

**16.** (d)

**17.** (d)

**18.** (a)

**19.** (a)

**20.** (a)