

DATE: 21/11/24

## COMPUTER ASSIGNMENT

- MCQ:
- 1. D (Computer Security)
  - 2. C (Physical Security)
  - 3. D (Privacy)
  - 4. C (Finger Print)
  - 5. C (Loss of Data)

### Q1: (i) Password

A Password is a combination of letters, numbers, or special characters that ensures security by allowing access only to authorized users. It prevents unauthorized access to a system or data.

### (ii) Damage

Computer virus damages the computer by following:

- 1- Corrupting or deleting files.
- 2- It can destroy all data by formatting hard drive.
- 3- It may detect some special information like password.
- 4- It may slow down speed of computer.

### (iii) Infected File Activated file

#### Definition

Such a file that contains virus but is not yet executed

A file which will enter virus into the computer when opened.

#### State

It is in inactive state

It is in active state

**Purpose**

Act as carrier of virus

executes the virus in system.

**Example**

A document with a hidden virus code

Opening the file causes visible harm, loss etc

**(iv)****Reasons For Data Loss**

- 1- An inexperienced person can delete data accidentally.
- 2- Sudden breakdown of power or fluctuation in power may result in Data loss
- 3- Data can also be lost due to some technical defect or failure of some software running on the computer
- 4- The data stored on a computer may be lost due to failure of hardware. For example, if the hard disk is damaged, the data stored on the hard disk will be lost.

**(v) intentional Threats**

A hacker can delete data on a computer.

An angry employ can purposely delete data

**Unintentional Threats**

Data can accidentally be deleted by authorized user.

A sudden power failure may cause data loss