

CHAPTER 1 MORE PERIPHERALS ****(EXPLANATION)

Note: Students kindly read the given explanation carefully.

Peripheral Devices: A peripheral device is any device which when attached to a computer enhances its capabilities. Printers, scanners, microphones, speakers and digital cameras are some of the commonly used peripheral devices. Other than these, there are many more advanced peripheral devices which have an important role in the working of organizations such as banks, examination boards etc. Let us learn about these devices:

**** Biometric devices:** These devices provide automated methods for recognizing distinctive features or actions of an individual like iris recognition, recognition of hand geometry, finger, facial and voice recognition etc.

**** Optical Mark Reader:** OMR detects the presence and absence of a mark in a specific position.

**** Magnetic Ink Character Reader:** MICR machine reads the special characters printed in a standard font (like on a cheque) using an ink containing iron oxide.

***** Magnetic Stripe Card / Reader:** On magnetic stripe cards, the data is permanently stored on a magnetic stripe. To read data from a smart card, the card is swiped through a magnetic card unit, which converts the information into computer readable characters.

**** Smart Card / Reader:** Smart cards have inbuilt electronics and

memory storage (RAM chips). When the card is passed through a reader the details are read from the memory.

**** Radio Frequency Identification:** RFID is an ID system that uses small radio frequency identification devices (RFID tags) for identification and tracking purposes.

**** Liquid Crystal Display Projectors:** LCD projectors are used when output is required on a big screen instead of monitor.

**** Voice Recognition System:** The voice recognition system allows a user to use his / her voice as input.

******* HOME WORK*******

1. Name some advanced peripheral devices.

2. Write full form of the following:

a) OMR

b) MICR

c) RFID

d) LCD

Note : Kindly do the above given home work in rough copy.
Questions' Answers will be provided next week.