Worksheet 5: Answer in one word/sentence.

Q. 1.   Printers, Scanners, microphones, etc. falls under which type of devices?

Ans.   Peripheral devices.

Q. 2.   Which devices provide automated methods for recognizing distinctive features or actions of an individual?

Ans.   Biometric devices.

Q. 3.   Which device throws a light beam on the document in which marks are made and analyses the reflected light to decide the mark's position?

Ans.   Optical Mark Reader(OMR).

Q. 4.   When LCD projectors are used?

Ans.   When output is required on the big screen.

Q. 5.   Which System allows a user to use his/her voice as input?

Ans.   Voice Input device.

Q. 6.   Write the full form of OMR and MICR.

Ans.   Optical Mark Reader, Magnetic Ink Character Reader.

Q. 7.   Write the full form of RFID.

Ans.   Radio Frequency Identification.

Worksheet 6: Answer the following:

Q.1.   Write about Biometric devices.

Ans.   Biometrics refers to the identity verification of living persons based on their physical characteristics like the characteristics of their fingers, hands, feet, face, eyes, ears, etc.

        The biometric devices provide automated methods for recognizing distinctive features or actions of an individual like iris recognition, recognition of hand geometry, finger recognition, facial recognition, voice recognition, etc.

Q. 2.   Write about a MICR.

Ans.   MICR machine reads the special characters printed (like on a cheque) in a standard font using an ink containing iron oxide.

        Normally in a cheque, the cheque number, the branch code, the account number, etc. are printed using the MICR font.

Q. 3.   Write about Smart cards.

Ans.   Smart cards are intelligent cards which have inbuilt electronics and memory storage (RAM chip). Lots of data like name, address, blood group type, etc. can be stored and updated on the RAM chip.

        When the card is passed through a reader, the details are read from its memory and are also updated in the memory (like balance amount left after the transaction).

Q. 4.   What is a Voice recognition system?

Ans.   The Voice recognition system allows a user to use his/her voice as input.

        A voice recognition system is used to give commands to the computer (such as opening a program, pulling down menus, or saving work) or to dictate text into the computer. It is also used for commanding computer operated controls in a car or any other machine. A microphone is used to dictate the speech terms in a voice recognition system.

Q. 5.   What is advantage of RFID over Bar Code Reader?

Ans.   RFID offers advantages over manual systems or use of bar codes. The tag can be read if passed near a reader, even if it is covered by the object or not visible.

Subject Enrichment Activity
Paste/Draw pictures of various peripheral devices in your computer notebooks