Worksheet-3 Subject: - Computer Class: - VII Teacher: - Mrs. Suudha Sharma

Name: _____ Class & Sec: _____ Roll No. _____ Date: 25.04.2020

Lesson 1: More Peripherals

1. **Radio Frequency Identification (RFID):**

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

An RFID tag is a small object, such as an adhesive sticker, that can be attached to a product. An RFID tag consists of a chip, some memory and an antenna. An RFID tagging system includes:

1. The tag itself.
2. A host system application for data collection, processing and transmission.

The RFID tag can be affixed to an object and used to track and manage inventory, people, etc. For example, it can be affixed to cars, computer equipment, books, mobile phone, etc.

Some uses are as follows:

- **Pets-** All pets chipped to track and trace and to keep records for health and insurance.
- **Work-** It can be used to track, trace and record staff movements.
- **Vehicles-** With cars, vans and bikes tagged and chipped, vehicles could be set up to automatically to pay for road tolls, hiring and parking fees.

2. **Liquid Crystal Display (LCD) Projectors**

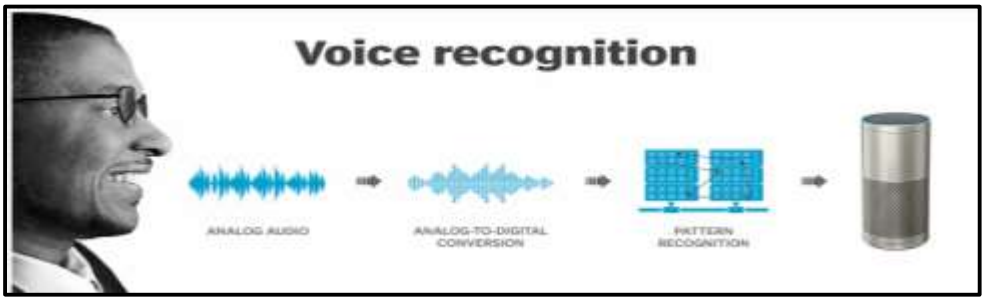
LCD projectors are used when output is required on a big screen. Instead of on a monitor, the output is projected on the big white screen through the LCD projector.

It also has adjustment controls like focus, type of input, digital zoom, picture shifting, etc. on it. Normally, corporate presentations, multimedia educational programs which are presented to a large audience, require a LCD projector.

3. Voice Recognition System

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.



Now, answer the following questions:

Q.1. Write (T) for True and (F) for False against the statements.

1. The voice recognition system accepts a voice as the input. ( )
2. The RFID tag can be used in identity cards of students. ( )
3. Corporate presentations, multimedia educational programs presented to a large audience require LCD Projectors. ( )
4. The LCD projectors allow a user to use his/her voice as input. ( )

Q.2. Fill in the blanks:

1. _____ are used when output is required on a big screen instead of on a monitor.
2. A _____is used to dictate the speech terms in a voice recognition system.
3. _____ tag has a chip, inbuilt memory and an antenna.

Q.3. Answer the following questions:

1. Write the uses of RFID.
2. Write a short note on Voice Reorganization System.
3. Write the full form for the following:

MICR	
RFID	
LCD	
OMR	

Homework:

Learn and solve all the worksheets provided

Answer: Lesson 1: More Peripherals

Q.1. Write (T) for True and (F) for False against the statements.

1. T

2. T

3. T

4. F

Q.2. Fill in the blanks:

1. LCD projectors

2. Microphones

3. RFID tag

Q.3. Answer the following questions:

1. Some uses of RFID are as follows:

- **Pets-** All pets chipped to track and trace and to keep records for health and insurance.
- **Work-** It can be used to track, trace and record staff movements.
- **Vehicles-** With cars, vans and bikes tagged and chipped, vehicles could be set up to automatically to pay for road tolls, hiring and parking fees.

2. 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.

3.

MICR	**Magnetic Ink Character Reader**
RFID	**Radio Frequency Identification**
LCD	**Liquid Crystal Display**
OMR	**Optical Mark Reader**