



Name:

Topic: 2.1 Input devices and their uses

Grade: 9 IG

Worksheet no: 5

Q1. Write the correct words in this column to match the description.

- Keyboard
- Touchpad
- Microphone
- Joystick
- Mouse
- Graphics tablet
- Touchscreen
- Light pen
- Trackball
- Webcam
- Digital camera
- Scanner

Name of input device	MAIN USE OF MANUAL INPUT DEVICES
	It is used to digitize images. They're similar to a photocopier but they make a digital copy instead of a physical copy.
	A digital video camera connected to a computer so that other people can see you via the internet
	It is used as a pointing device on portable computers to enable you to move the cursor.
	It is used to select items on a computer monitor. It is moved around by the user, and an on-screen cursor corresponds to these movements.
	It is a light-sensitive pointing device used to select or modify data on a screen.
	Consists of a flat pad that the user draws on with a special pen and the image appears on the computer screen. It enables a designer to produce on-screen drawings very accurately.
	Used to enter words and numbers into the computer.

	Can be used as an alternative to a mouse. They are easy to use for people with limited movement in their hands. Can be used for computer aided design (CAD).
	They are popular with gamers but are being replaced by other types of game controller. In construction, they are used to control machinery such as cranes.
	Takes pictures and can usually record video too, which can be stored in a file and transferred to a computer.
	They are used to input sound. They can be used with voice recognition software and by applications software such as a word processor to enter text.
	Many mobile phones have them to input data. They are sometimes used in cash machines.

**Q2. Fill in the blanks using the words from the list below.**

Pointing	ATM	Microphone	ADC	Web Cam	Laptop	Analogue
POS	input	Distance	Digital	Mouse	Chip and pin reader	

Input Devices allow data to be \_\_\_\_\_ into a computer.

A mouse, touch pad and a tracker ball are know as \_\_\_\_\_ devices.

A touch pad is built into the \_\_\_\_\_. It is more difficult to use compared to a \_\_\_\_\_.

A numeric key pad could be used at an \_\_\_\_\_, \_\_\_\_\_ or \_\_\_\_\_.

Remote control can be used at a \_\_\_\_\_.

\_\_\_\_\_ and \_\_\_\_\_ can be used in a web conference.

Sensors read in \_\_\_\_\_ signals. Computers read in \_\_\_\_\_ signals. An \_\_\_\_\_ is required to convert the signal so that it can be understood by the computer.

**Q3. Match the words in the left-hand column to what each one detects.**

Type of sensor	What is detected?
Temperature	
Light	
Pressure	
Moisture	
Water level	
Movement	
Proximity	
Switch or button	

Dampness/dryness

Pressure (e.g. someone standing on it)

How full/empty a container is

Temperature

If something is touching/pressing it

How close/far something is

Movement nearby

Light/dark