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**MATRIC NO.: 17/SCI01/016**

**COLLEGE: SCIENCE**

**DEPARTMENT: COMPUTER SCIENCE**

**DIFFERENCES BETWEEN INPUT AND OUTPUT DEVICES**

1. An input device is any hardware device which enables the user to enter data and instructions into a compute while An output device is any hardware device component that uses received data from a computer to perform a task.
2. An input device can send data to another device but it cannot receive data from another device while An output device can receive data from another device and generate output with that data, but it cannot send data to another device.
3. An input device is necessary for a computer to receive commands from its users and data o process while An output device is necessary for computer to share its results and prompt users for more information and commands.
4. An input device is controlled by the user while An output device is controlled by the computer.
5. An input device is relatively complicated as it has complex coding that ensures that the user can interact with the computer correctly while An output device is simpler for the user since they only see results and do not have to learn the process.

**EXAMPLES OF INPUT AND OUTPUT DEVICES**

**INPUT DEVICES**

1. Keyboard
2. Mouse
3. Microphone
4. Web camera
5. Image scanner
6. Touch screens
7. Joystick
8. Graphics tablet
9. Barcode reader
10. Stylus

**OUTPUT DEVICES**

1. Printer
2. Monitor
3. Speakers
4. Projectors
5. Headphones
6. GPS
7. Sound card
8. Video card
9. Graphics card
10. Internal web cam