**الاسم:**

**الشعبة:**

**Q1/ Full in the blanks:**

1. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** are the exchange of data between two devices via some form of transmission medium such as a wire cable.
2. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** The system must deliver data in a timely manner.
3. In **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, the communication is unidirectional, as on a one-way street, Only one of the two devices on a link can transmit; the other can only receive
4. The **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** is used to deliver Ethernet Frames (packets) to a computer.
5. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** functions as a filter that lets some data into the local network, while redirecting unrecognized data to another network.

**Q2/ What are the main components of data communications system? (List and Explain).**