

### **In which switching physical path is present and how it is different from packet switching?**

- Circuit switching uses physical path for transmission of data.
- Here initially a physical connection is established between source and destination & then data is sent .
- In packet switching data is broken into small parts called packets.
- Numbered packets may take any shortest route for transmission.
- In packet switching virtual connection is made between source and destination.

### **Give the frame format for data link layer.**

- Header, payload filled, trailer are the main parts of a frame.
- Header contains the number of characters in a frame & source and destination address.
- Payload filled contains the data to be sent.
- Trailer is the end of packet and it also contains the starting and ending bits.
- This frame is sent to network layer.