**The Physical Layer**

**TOTAL POINTS 2**

1.Question 1

What is the type of modulation used by twisted pair cable computer networks known as?

**1 / 1 point**



Line crimping



Simplex communication



Line coding



RJ45

Ans :3

**Correct**

You nailed it! Line coding is the modulation of an electrical charge so that each side of a connection knows what is a one and what is a zero.

2.Question 2

What's the difference between full and half duplex?

**1 / 1 point**



Full duplex is slower than half duplex.



Full duplex allows communications in two directions at the same time; half duplex means that only one side can communicate at a time.



Full duplex is a form of simplex communications.



Half duplex occurs when hubs are in use; full duplex occurs when switches are in use.

**Correct**

Nice job! A half duplex connection allows communication in both directions, but only one side can communicate at a time.

Ans 2