

1. Which transmission media has the highest transmission speed in a network?
 - a. Coaxial cable
 - b. Fiber optics
 - c. Twisted pair copper wire
 - d. Electrical cable

2. Digital Subscriber Line uses
 - a. Time Division Multiplexing with a slot for upstream traffic, another for downstream traffic and another for two-way telephone
 - b. Time Division Multiplexing with a slot for both upstream and downstream traffic and another for two-way telephone
 - c. Frequency Division Multiplexing with a band for upstream traffic, another for downstream traffic and another for two-way telephone
 - d. Frequency Division Multiplexing with a band for both upstream and downstream traffic and another for two-way telephone

3. In a half-duplex connection communication
 - a. happens in both directions but only one at a time
 - b. happens in both directions simultaneously
 - c. happens in one direction only
 - d. none of the above

4. An example of where serial communication is used is
 - a. SATA hard drive
 - b. Peripheral component Interconnect
 - c. PATA floppy drive
 - d. Front side bus

5. One security flaw of a broadcast system is allowing for easy
 - a. IP spoofing
 - b. Denial of Service
 - c. Packet sniffing
 - d. Spread of viruses