

Name: _____ Date: _____

Northampton Community College
CISC 260 - CCNA 4
Study Guide for Handout Material and
Remote Access Technologies

Remote Access Technologies

1. _____ technology is a technology that receives programming (for example, from NBC, CBS, and cable networks such as MTV and ESPN), converts each channel to the channel frequency desired; scramble channels as needed (for example, the premium channels), combines all frequencies onto a single medium using frequency-division multiplexing (FDM), broadcasts the combined analog stream downstream to subscribers.
2. Cable modems provide _____ connectivity.
3. Data flowing from the service provider to the user is referred to as _____.
4. Data flowing from the user to the service provider is referred to as _____.
5. In a one way cable modem situation, a telephone line is used for upstream traffic, this is referred to as the _____ (TRI).
6. A system for filtering in telephone –return systems:
7. The _____ End manages traffic in a CATV system
8. The layer of the OSI model that supports timing and synchronization, error detection and recovery, addition of new cable modems, etc. is the _____.
9. The type of satellite technology used by Primestar and Direct TV:
10. A satellite technology that has lower latency then geosynchronous Satellites.:
11. List some of the issues affecting the installation of LEO's:
12. What is the standard that governs wireless LAN technology?
13. The most common wireless LAN Technology broadcast at _____ GHz and is capable of _____ Mbs bandwidth.

14. A newer wireless LAN technology broadcast at _____ GHz and is capable of _____ Mbs bandwidth. This is in process of becoming a standard.
15. A technology that allow high speed bandwidth along the standard copper telephone local loop: _____
16. ADSL allows for higher downstream rates then upstream data rates. This is known as _____transmission.
17. List some major factors in the quality of the ADSL connection.

18. A device used by the telco companies to make DSL possible:
19. A similar technology to ADSL that operates at 10 times the bandwidth: