

UNIVERSITY OF WASHINGTON

INFO 341 (*Networks & Distributed Applications*)

Midterm Exam Review - Fall Quarter 2016

Divestiture: background/origin of Divestiture decision, outcome,
impact of Divestiture on you the customer

Telecomm Terms – LEC, CLEC, LATA, IXC etc

What is the OSI reference model and its relevance in networking ?

Point to Point vs Multipoint (adv/disadv)

Satellite/microwave/fiber/cable/wireless as a transport media (adv/disadv)

Tools to troubleshoot fiber optic connections/connectivity.

Primary functions of a data link protocol ?

What is Flow control ?

What is PoE (Power over Ethernet), important? related to other dependencies ?

Distinguish LANs from other types of networks ?

LAN contention (access) methods:

Why is cabling selection critical in implementing LANs ?

Describe MAC (Layer 2) addresses

Distinguish Ethernet DIX V2.0 and 802.3.

What is the significance of the Ether V2 type field ?

What function is provided by a network router ?

What is multiplexing – what benefit does it provide.

**How is multiplexing critical in terms of long term network
directions and purchase decisions**

**What is protocol analysis – how did Wireshark lab help your
understanding of protocols ?**

Describe network topologies (associated adv/disadv)

What is meant by protocol layering ?

Why is HDLC protocol important to understand ? Where is it used ?

TCP/IP protocol, *IP addressing, ARIN, IETF, RFC's, applications/ports*

TCP vs UDP (when would I worry about ?) Related to any other course concept ?

TCP/IP User Application Protocols, FTP, Telnet, SMTP, SNMP, DNS, DHCP

IP address classes, subnetting, subnet masking