CS330 Mid Term Study Guide

When using this study guide, you must understand:

* What is a protocol? Study lecture 1, slide 7
* What is packet and circuit switching? Study lecture 1 slides 23 & 27.
* The functions of a network core. Study lecture 1, slide 26 and lecture 10, slide 5.
* What the four (4) sources of packet delay are. Study lecture 2, slide 4.
* What is a process and the client and server processes. Study lecture 3, slide 8.
* What is a socket be able to show how it works. Study lecture 3, slide 9.
* The process for doing a DNS name resolution. Study lecture 4, slide 21.
* How SMTP works. Study lecture 4, slide 5.
* How a socket works using TCP including client/server sides. Study lecture 5, slide 28.
* What are the feature of TCP and UDP. Study lecture 6, slides 7, 19-20.
* How TCP reliable data transfer hands errors and loss. Study lecture 7, slides 11-13/lecture 8, slides 11-14.
* What is flow control. Study lecture 8, slides 19-20.
* How to create a routing table. Study lecture 10, slides 6, 15-17.
* The characteristics of OpenFlow. Study lecture 11, slides 30-1.