**Final exam review**

1. Client/server architecture (draw and list)
2. Parts of Unix

Kernel

Commands

Especial files

1. Configuration of TCP/IP client

Give Host name

Give Ip address

Give Gateway ip address

Give Dns server ip addres

In the book

1. Login and Password( Importance of Authentication and Authorization)
2. Boot sequence

POST

Load boot block

Load the OS

Turn on services

1. Commands to create a file system on a designated special file

Mkfs

Labelit

1. Command to provide full information on all running processes

Ps –ef

1. Full and incremental backup

Given a named file system give the command to do a:

* 1. Full backup
  2. Incremental backup

1. Fields of a trouble ticket:

User name

User phone

Problem abstraction

Problem description

Severity

1. What file defines the directory structure of unix?

Inode table

What defines a file system?

Superblock

1. DNS (what it means) (what it does)

Means Domain Name service

It maps symbols into IP addresses

1. Name the important records in a DNS database
2. Describe the DNS resolution process, if you have the [mail@middlesexcc.edu](mailto:mail@middlesexcc.edu)

Root

Edu

Middlesexcc

Mail

1. Difference between TCP and UDP

TCP is Telecomunication Protocol and if secure delivery while UDP is User datagram protocol is not just ship and pray (no secure delivery)

1. What is IETF and what does it do?

Internet Engineering task force

It publishes RFC which are the standards

1. What is ICANN and does it do?

Internet Corporation for Assigned Names and Numbers, gives ip addresses