Final Exam Study Guide: ISAT 121

Multimedia – Installing Windows 2000/XP
6 May 2008 5:50 – 7:50 p.m.

Goal of Multimedia

Sound card functions

Sampling

Hardware installation

Image formats

Video formats

Multimedia storage devices & capacities

Tape drives

RAID configurations

Traditional I/O devices

When to typically install the device driver for an I/O device

General types of keyboards

Common injuries related to keyboard use

How to avoid keyboard-related injuries

Cleaning a keyboard

Types of connectors for keyboards & mice

What a biometric device is

Primary types and features of monitors

Functions of the operating system

What is DOS

Versions and timeline of Windows

UNIX variants

Other operating systems

Locations of configuration information in Windows

Features of different disk formats in Windows

Location of the Disk Manager in Windows 2000/XP

Purpose of a device driver

How to un-install an application in Windows

Accessing the system properties

Components of the Windows desktop

Finding information about the devices installed in a Windows computer

Running the MS System Information applet

Running the MS Configuration applet

Running the Registry Editor

Differences between Windows 2000 and earlier Windows desktop OS

Different versions of Windows 2000 and Windows XP

Included features of Windows XP

2 operating modes

Purpose & features of the user mode

Purpose & features of the kernel mode

Applications/Processes/Threads

What is HAL

Workgroups & Domains

What is the SAM

What are the PDC and BDC

Logging into Windows 2000

Purpose and reasons for using partitions

Drive formats

Storage requirements of FAT16/FAT32/NTFS

Advantages of XP over 2000

Minimum & recommended requirements for XP

Types of installation processes

Windows Update

Hard drive administration

Adding & removing applications and Windows components

Binary – Hexadecimal – Decimal number conversions

Bonus: Windows-supported keystroke shortcuts and their functions