

Name: _____	ID No. _____
Date : _____	Section : _____

Problem Set 5

1. MULTIPLE CHOICES (MCQs)

1)

Which of the following processing techniques allows utilizing special processors for specialized chores?

- coprocessing
- Parallel processing
- Multitasking
- Multiprocessing

2)

_____ allows a user to perform specific tasks on the computer, such as writing a letter or surfing the Web.

- Graphical User Interface
- Application software
- System software

3)

The DOS command _____ prepares a disk for use, erasing what was there before.

- del
- format
- dir
- copy

4)

Which of the following is an operating system designed for handheld PCs or mobile devices?

- Windows Mobile
- Palm OS
- Symbian OS
- all of the above

5)

The operating system most commonly used on Sun computers is _____.

- Mac OS
- OS/2
- Solaris

6)

Which of the following is the most recent personal version of Windows?

- Windows XP
- Windows Me
- Windows Vista
- Windows 7

7)

_____ are designed to help you recover from a major computer problem, such as rolling back your hard drive to an earlier state.

- Recovery utilities
- Uninstall utilities
- File compression programs
- Diagnostic programs

8)

The operating system is the go-between, "meshing" the user's application program with the resources of the system. In the lecture I explained "meshing" as a pattern of interlinking pairs of nodes. Suppose you have 25 nodes, how many interlinks in total (T) will exist?

- 25
- 50
- 150
- 300

9)

Windows Embedded is designed for _____.

- mainframes and supercomputers
- personal computer
- non-personal computer-based devices
- non of the above

10)

All of the following are document data file extension except

- .doc
- .bmp
- .xls
- .ppt

2. TRUE OR FALSE (T / F)

1)

The process of placing items in buffer so they can be retrieved by appropriate device is called "multitasking".

True

False

2)

Most operating systems today use a command line interface.

True

False

3)

Unix is an open source operating system available for free via the Internet.

True

False

4)

In the future, operating systems may be driven primarily by a voice interface.

True

False

5)

Many utilities are built into operating systems as well as being available as stand-alone programs.

True

False

6)

NetWare is one of the most widely used operating system on PC-based networks.

True

False

3. **QUESTIONS**

- (a) Identify the main functions of an Operating System? In which aspects do various operating systems differ? What are the key trends in the future of operating systems?
- (b) Explain the concept of “utilities programs.”
- (c) State and briefly explain the various sources of help available to application software users. Give at least one example of each source.
- (d) Explain the concept of “buffer.”