

# INFORMATION TECHNOLOGY

## System Software Quiz

### Multiple Choice Questions

1. Explain what is meant by:

a) booting

b) operating system

a) \_\_\_\_\_

\_\_\_\_\_

b) \_\_\_\_\_

\_\_\_\_\_

2. Give four ways each in which an operating system controls hardware and software on a computer.

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

3. List three different operating systems used on computers.

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4. Categories the following situations into **batch**, **on-line**, **real-time processing**, or **time-sharing**.  
(Choose all that applies)

a) Printing a letter from your word processing application. \_\_\_\_\_

b) Chatting with a friend using the internet and a chat program. \_\_\_\_\_

c) Scheduling your e-mail application to send 5 e-mail messages in the next hour. \_\_\_\_\_

d) Sensors are attached to a machine which is drying some chips. When the temperature reaches a specific level the machine switches off. If it is below a certain temperature the machine will increase the temperature level. \_\_\_\_\_

e) Using an Automatic Banking Machine (ABM) to make a deposit. \_\_\_\_\_

f) Booking a cruise through a travel agent. \_\_\_\_\_

5. List three ways in which a computer transfers information.

1 \_\_\_\_\_ 2 \_\_\_\_\_

3 \_\_\_\_\_

6. Explain what is meant by the terms:

a) file conversion

b) file compression

a) \_\_\_\_\_  
\_\_\_\_\_

b) \_\_\_\_\_  
\_\_\_\_\_

7. Give two reasons why you might want to use compressed files if you have a modem with a slow internet speed.

a) \_\_\_\_\_  
\_\_\_\_\_

b) \_\_\_\_\_  
\_\_\_\_\_