**Tutorial 7:** WRES1201 – Computer System Architecture

1. In what circumstances that a modem can become an I/O device?
2. List all the factors that may affect the performance of an I/O of a system.
3. List and explain briefly the principle of I/O techniques.
4. What is the difference between memory-mapped I/O and isolated I/O?
5. When a device interrupt occurs, how does the processor determine which device issued the interrupt?
6. When a DMA module takes control of a bus, and while it retains control of the bus what does the processor do?