UW i310 – Network Review (Important Concepts/Terminology)

OSI reference model and its relevance in networking/applications ?

Protocol enveloping

TCP/IP in networking and computing ?

VLANs how are they related to computing/network security ?

Network router function

ISP (Internet Service Provider) ?

What is encryption ?

MAC address and where would one see a MAC address ?

TCP/UDP ports   (what are ports – what do they do ?)

Network contention (what is occurs - at what OSI layer ?)

Differentiates LANs, MAN's and WANs (from each other) ?

Wireless as an end to end delivery service (why important ?)

Able to describe an Ethernet frame format/contents and/or a TCP/IP packet f/c ?