ITS413 – Quiz 3X

Name: _____

ID: _____   Mark: _____ (out of 5)

Question 1 [1 mark]

a) The initial size of the contention window from which backoff slots are chosen in 802.11g DCF is CWmin = 15. If CWmin was set to 31, the number of collisions in a WLAN would:

      Decrease   Stay the same   Increase

Question 2 [1 mark]

Consider two WLAN BSS's connected in an ESSID, where the APs are connected via Ethernet. If a WLAN client 1 on one BSS (AP1) sends a frame to another WLAN client 2 on the other BSS (AP2), then the frame will contain the addresses of which devices?

Question 3 [1 mark]

Describe the active approach for a client to discover an AP in a WLAN. Your description should refer to the frame types used, who sends them and who they are sent to.

Question 4 [2 marks]
Fill in the blank spaces:

a) In the Internet (before Mobile IP was developed), the problem with mobility is if a host changes subnets and also changes IP addresses then some _____ will not work.

b) When a Mobile IP host is visiting a network, the _____ will forward traffic to the hosts _____.