Q1. Most students answered this well but there was a split with a few very weak answers. The nature of MAC addresses was one visible weakness with students not fully aware of their flat global nature compared to the hierarchical nature of IP. As IP is used globally for inter-LAN routing the likelihood of duplicate MAC addresses occurring is very low. Almost no students were aware of exactly what is meant by "cognitive radio" but this was a final twist for the most aware students.

Q2. This question was again answered very well by almost all students.  
2.a. A few students simply wrote everything they know about how DHCP works. Unfortunately this almost always failed to mention the wanted points about static and dynamic address allocation.  
2.b. Answered well.  
2.c. Mostly good answers. However, the question wanted slightly deeper knowledge than the weaker answers exhibited. For example, what happens when a mobile at a foreign site moves location.  
2.d. Again mainly good answers. However, and not totally surprising, the modern nature of circuit switched end-to-end connections which are almost entirely "virtual" using packet based technologies to create virtual connections was missing in many cases.

Q3.  
3.a. This required some memory of undergraduate networking teaching about TCP which is extended in this course. A couple of students clearly has little or no knowledge of TCP.  
3.b. Answered well.  
3.c. Answered well.

Q4 Only 5 students attempted this question, one with total success(100 %)Pulse shaping (part a) was understood among this small group, Also Hartley Shannon (part b)The convolutional coder(part c) was less well understood, and some answers to part d were vague.

Q5 Nine students attempted this question. The range was wide. Despite much discussion in the lectures, few people really appreciated the main advantages and disadvantages of CDMA (part c). Some answers to parts a and b were just not well explained even if they were understood. Some answers to the MIMO question (part d) were quite good. The averages for these two questions were good, but not spectacular as I was hoping.