

# PGT Exam Performance Feedback

## 2018/2019 Semester 2

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COMP61242 Efficient Computing

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### Comments

#### Question 1:

With the exception of one case, all students had been well prepared for this question and the average was 16 marks (out of 20).

Most parts of this question had been well understood and answered.

#### Question 2:

The average was reasonable, but could have been higher if answers on WEP gave a little more detail. There was plenty of scope and time for doing so. For example, many answers pointed out that a CRC is not a good integrity indicator, but did not state why. In fact few answers mentioned what is meant by an integrity check.

#### Question 3:

The average was slightly higher than that for Q2. People generally understood indirect, snooping and mobile TCP. Well done for this (the issues are quite complicated). Most people gave a correct definition of 'quality of service' but explanations of why TCP is not often used for multi-media were often vague; for example just mentioning that the delay would be too high. There is rather more to this because of retransmissions which increase congestion and are likely to arrive too late to be useful for telephony. There was a reasonable understanding of pulse-shaping and bandwidth efficiency, but please always remember Rule 1. Rule 1 is always label axes on graphs.

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