

PGT Exam Performance Feedback

2018/2019 Semester 1

Comments Comments and Common Mistakes:

Question 1:

This question is book work.

Question 2:

The most common mistake for this question lies in 2(a): Authentication and Authorisation are two different security properties. Question 2(a) is about authentication, but there were answers describing authorisation or access control mechanisms such as DAC (Discretionary Access Control), MAC (Mandatory Access Control) and Role Based Access Control - these are not authentication solutions.

Question 3:

The common mistakes are: for 3(a), it was specifically mentioned in the question that the session key should be established without any assistance of a public-key cryptosystem (PKC), but there were still proposals to use certificates or Diffie-Hellman method (both are PKC-based); for 3(c) the question was about naming factors that may affect the security of the protocol (not on the system in general), but there were answers such as key stolen, database theft, etc, which are outside the scope of this question.

Some statistics:

In total, 43 students sit in the exam.

Question 1: the average mark is 58%;

Question 2: the average mark is 66%;

Question 3: the average mark is 54%;

The overall average mark = 59%.
