COMP28112 **Distributed Computing**

Rizos Sakellariou

Comments Q1 - compulsory. Overall good answers. Some common problems related to: (b) where the question asked to discuss what types of failures are known as Byzantine failures - the question didn't ask about the byzantine generals problem. (e) where

the question required to explain that because of unpredictable latencies it is impossible to synchronize clocks. (j) where the question asked specifically what to do in the context of lab exercise 2

- Q2. Overall good answers. In (a) some students missed the fact that some applications are not parallelisable because of dependencies between different instructions. In (c) someof the answers didn't calculate availability but probability of failure.
- Q3. In (a) some students missed the fact that under certain circumstances (eg, LAN) we can assume that latency is almostzero. In (d) many students associated sequential consistencywith sequential execution of processes which is
- Q4. In (a) one would expect the reasoning not a description of the two generals problem. In (b) the question asked foran illustration of both the 1 out of 3 being a traitor and 1 out 4 being a traitor cases.