

Lastname	Signature
Firstname	
Student number	Group topic
Room	Points (max 38)

Note: all answers on the questions sheet, be brief and to the point.

1. Differences between radio technology used in 3G and 4G ? (6p)

1. 4.
2. 5.
3. 6.

2. Challenges of cellular networks for TCP (5p)

1. 4.
2. 5.
- 3.

3. Techniques for energy efficient web browsing. (4p)

1. 3.
2. 4.

4. Describe channel access schemes in 802.11 (from the QoS paper)? (4p)

1. 3.
2. 4.

5. Describe Bluetooth security modes (4p)

1. 3.

2. 4.

6. Energy harvesting methods for IoT devices (4p)

1. 3.

2. 4.

7. Describe the UMTS mobility management states (6p)

1.

2.

3.

8. Describe the main elements of the Android stack (5p)

1. 4.

2. 5.

3.