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|----------------|-----------------|
| Lastname | Signature |
| Firstname | |
| Student number | |
| Room | Points (max 30) |

Note: all answers on the questions sheet, be brief and to the point. Think hard on what you spend your limited words in.

1. Name and describe 3 techniques that provide mobility management on the network layer. (6p)

1.

2.

3.

2. Mention 6 common reasons why TCP has problems in wireless networks. (6p)

1.

4.

2.

5.

3.

6.

3. Energy-efficiency techniques employed in UMTS (6p)

1.

4.

2.

5.

3.

6.

4. Methods for improving the performance of 802.11. (6p)

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

5. Requirements for an IMT Advanced technology. (6p)

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