# Mobile Communications
# Problem Set 11

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1. Explain the difference between physical and logical channels. What are the two groups of logical channels in GSM?

2. Explain the term handover margin.

3. What is the purpose of the A3 Algorithm? Where is it implemented and executed?

4. Why is GPRS more suitable for transmitting WWW traffic than HSCSD?

5. Is cell breathing a problem for (a) GSM (b) UMTS (c) LTE ?

6. The evolution of mobile / cellular communication systems is given by certain technologies that increase the data rate. Name 4 examples.