Exam 16th of December 2010  
BIOM-3106  
Implantology

Perus funktiollaskin (ei graaffinen/ohjelmoitava) sallittu tentissä.  
Basic scientific calculator (no graphing/programmable) accepted in exam.

Q1. (6p)
What kind of different wound types do you know? Describe shortly how they are caused.

Q2. (6p)
What are autografts, allografts and xenografts? Write about problems/benefits with each of them (2 p each).

Q3. (6p)

a) What are myofibroplasts and why they are needed in wound healing? (3p)
b) What is the difference in wound healing by Primary Intention and Secondary Intention? (3p)

Q4. (6p)

4.1. Explain shortly following terms and concepts (1p/question):
a) granulation tissue  
b) angiogenesis  
c) roleaux  
d) infection  
e) callus  
f) macrophage

Q5. (6p)

Explain differences between:

a) contamination compared with colonization (2p)  
b) regeneration compared with repair (2p)  
c) in wound types: abrasion compared with penetration (2p)