Exam 18.12.2014
ELT-72206, Implantology
Professor Heimo Ylänen
Scientific calculator allowed

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

2. Explain differences between:
   a) contamination compared with colonization (2p)
   b) regeneration compared with repair (2p)
   c) hematoma vs. seratoma (2p)

3. Trabecular bone, woven bone, lamellar bone, and cortical bone. Put those for bones types in some kind of logical/functional/structural/chronological order (3p). Explain the differences between these bone types (3p).

4. a. What are myofibroplasts and why they are needed in wound healing? (3p)
   b. Explain the differences between wound healing by Primary Intention and Secondary Intention? (3p)

5. Explain how medical devices are categorized in EU and give an example on each category (6p).