

## >>> Chapter 4 quiz for *Foundations of Engineering* <<<

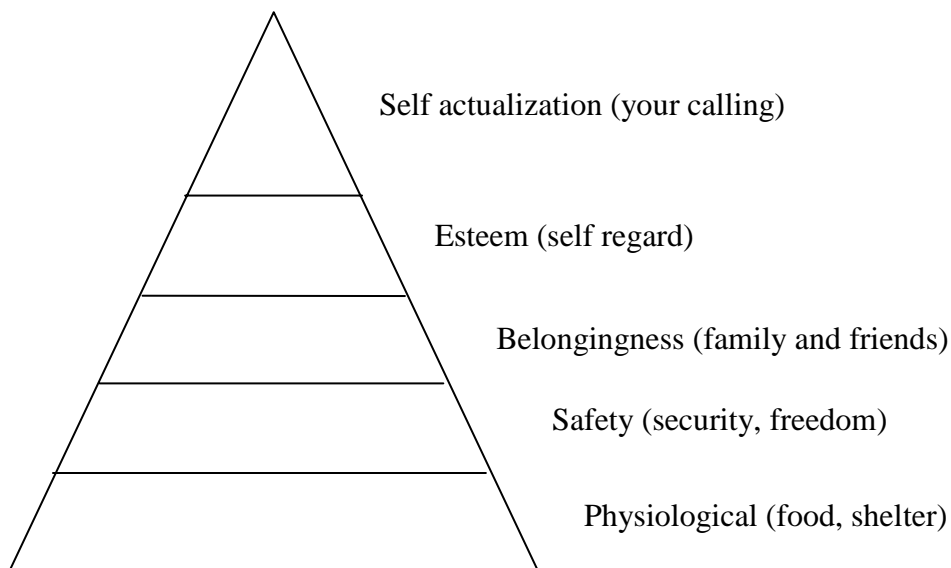
### >>> Solutions <<<

This is a short answer quiz. Please put your answers in the designated answer areas. The questions from this quiz come from the lecture and the book (chapter 4). Each problem is worth 12 points (4 points are for free). This quiz is open notes, but not open book. Your notes may only contain handwritten material. You have 20 minutes.

1) What is "TQM" and what is it all about (i.e., what is the basic principle of TQM?) **TQM is total quality management and it is all about continuous improvement. TQM is the "quality plan".**

2) Define "actions", "thoughts", and "feelings" in one sentence each (as they apply to value judgements). **Actions are what we say and do. Thoughts are the ideas and attitudes we hold. Feelings are the emotions that we have.**

3) Sketch Maslow's hierarchy of needs. Label and describe (in one sentence) each "layer"



4) Self-esteem is based on two components, what are they (and describe each)? **The two components of self esteem are self-efficacy (sense of competence) and self-respect (sense of personal worth).**

5) Complete the sentence, "Differences are not only normal, but also **positive** and **creative**."

6) When doing a personal assessment, what are the three areas or "models" (according to Landis) that you should focus on? **You should focus on your strengths and weakness with respect to the attribute model, employment model, and student model (from Chapter 1 of Landis).**

7) You need three things to do well, they are, Intelligence and skills, **mental toughness**, and **physical toughness**.

8) Finish the statement (from Landis), "No deposit, no **return**"