

Name: \_\_\_\_\_

Date: 20.10.2015

This Quiz checks (in part) Chapter 00. It's intended to help students prepare (for Midterm, Final etc.), but doesn't carry any points toward a student's final grade. It is strongly recommended, though, that students solve the given questions in each such quiz.

1. When we are questioning a rare occurrence or claim and determine the outcome is reasonable we:
  - A) disregard the lucky alternative and think something is wrong.
  - B) question the claim.
  - C) do not doubt the original claim.
  - D) test again.
  
2. When we are questioning a rare occurrence or claim and determine the experimental outcome is rare or extraordinary we:
  - A) disregard the lucky alternative and think something is wrong.
  - B) do not doubt the original claim
  - C) decide there is no evidence to suggest the claim is false.
  - D) test again.
  
3. The purpose of \_\_\_\_\_ is to quantify the normal, everyday deductive process.
  - A) problem solving
  - B) experimentation
  - C) statistics
  - D) inference
  
4. The four technology tools presented in this text are the TI-84 Plus C calculator, Excel 2013, Minitab, and
  - A) SPSS.
  - B) CrunchIt.
  - C) JMP.
  - D) R.
  
5. In the four steps of statistical inference, the **claim** is BEST described as:
  - A) the experimental outcome.
  - B) the likelihood of occurrence of the observed experimental outcome.
  - C) the status quo—what we assume to be true.
  - D) our natural reaction to an experimental outcome.

6. The first step in the process of questioning a rare occurrence is:
- A) claim.
  - B) experiment.
  - C) likelihood.
  - D) conclusion.