Software Engineering, EOSF322, Fall 2019
Chapter 1 & 2, Quiz, Aug. 28 Name _____

1. In the field of software engineering, requirements are things that must be true of the software.

   True False

2. Tell if the following is a:
   - functional requirements (FR)
   - non-functional requirement (NFR) or
   - design constraint (DC)

   a. All pages of this application must load on average within 10 seconds when accessed from a computer connected to the campus network. Measurements will be taken using the iWebTool Speed Test (www.iwebtool.com, website speed test). NFR

   b. No faculty No faculty or staff member spends longer than 10 minutes figuring out how to complete a task of the application NFR

   c. AbOut utilizes a AbOut utilizes a MySQL database to store information relating to administrators, faculty members, students, and student grades. Additionally, PHP is necessary to serve the dynamically changing contents of the AbOut web-based system. DC

   d. No more than five experimental runs out of 1000 can be lost because of software failures. NFR (quality attribute)

   e. The tester shall incorporate a USB port to allow the user to connect any measurement device that has a USB connection

      Question is ambiguous. Does tester refer to a person testing the software or a software component? Does 'port' refer to hardware or software?
      DC or FR

3. Determining whether the developers are building the correct system for the client is:

   Validation testing Verification testing

4. Determining whether the developers are building the system correctly is:

   Validation testing Verification testing

5. What are major coordination efforts mentioned in Chapter 2. (There are 3 of them.)

   Process , Product, People