**Software Engineering Department**

**SWE 333 - Software Quality Assurance**

**Tutorial 4**

**Course: Dr. Khalid Alnafjan**

**Tutorial: Lecturer Hanif**

Q1) which of the following is quality assurance and which is quality control.

* Project quality plan
* Development plan review
* Contract proposal review
* Software requirements walkthrough
* Detailed design inspection
* Test plan sign-off
* Programmers quality manual instructions
* Software unit testing
* Software integration testing
* Software use case preparation guidelines

Q2) Suggest a software quality metric that will perform the following:

* Measure the speed of a student course registration module
* Measure how easy it is to learn new student data entry module
* Measure how many student can be registered in one hour
* Measure the quality of a programmer coding
* Measure the quality of requirements document
* Measure the quality of a testing engineering work

Show how all the above can be relevant, valid and reliable