

Software Engineering Department

SWE 333 - Software Quality Assurance

Tutorial 4

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

- Preparation of Project quality plan
- Development plan review
- Contract proposal review
- Software requirements walkthrough
- Detailed design inspection
- Test plan sign-off
- Use of 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