

**Software Engineering Department**

**SWE 333 - Software Quality Assurance**

**Tutorial 6**

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Q1) which of the following is a software quality metric.

- Project quality plan (No)
- Number of errors per 1000 line of code (KLOC) (Yes)
- Contract proposal review (No)
- Time required to understand employee payroll calculation module(Yes)
- Detailed design inspection (No)
- Test plan sign-off (No)
- Number of severe errors found in software installation plan (yes)
- Room temperature (No)
- Total failure time of hotel tracking system (yes)
- Number of changes made to requirements document (yes)

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
- Predict the quality of software development plan
- Predict the quality of end user manual
- Predict the quality of requirements document