

Software Engineering Department

SWE 333 - Software Quality Assurance

Tutorial 7

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Q1) which of the following is a software quality Cost

- Project quality plan (Pre)
- Number of errors per 1000 line of code (KLOC)(Not)
- Over time hours to finish software inspection(App)
- Configuration management tool purchase(Pre)
- Detailed design walkthrough(App)
- Re-programming of defects of a program before shipment(IF)
- Re-design (IF)
- Room temperature(Not)
- Payment of external consultant to participate in unit testing(Pre or App)
- Payment of external consultant to prepare software quality assurance procedures and checklists(Pre)
- Purchase of software unit to integrate with our application(Not)
- Training of programmers in a course " Java advanced programming"(Pre)
- Correction of software defects for installed software after customer complaints(EF)
- Construction of a new company building(Not)

Q2) from the above list classify items into: Preventive cost, Appraisal cost, internal failure cost and external failure cost.

Q3) Explain Why software quality cost model is important.