**Software Engineering Department**

**SWE 333 - Software Quality Assurance**

**Tutorial 7**

**Course: Dr. Khalid Alnafjan**

**Tutorial: Lecturer Hanif**

Q1) which of the following is a software quality Cost

* Project quality plan
* Number of errors per 1000 line of code (KLOC)
* Over time hours to finish software inspection
* Configuration management tool purchase
* Detailed design walkthrough
* Re-programming of defects of a program before shipment
* Re-design
* Room temperature
* Payment of external consultant to participate in unit testing
* Payment of external consultant to prepare software quality assurance procedures and checklists
* Purchase of software unit to integrate with our application
* Training of programmers in a course " Java advanced programming"
* Correction of software defects for installed software after customer complaints
* Construction of new company building

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.