

## Difference between Testing, Quality Assurance and Quality Control

Quality Assurance
Activities which ensure the implementation of processes, procedures and standards in context to verification of developed software and intended requirements.
Focuses on processes and procedures rather than conducting actual testing on the system.
Process oriented activities.
Preventive activities.
It is a subset of Software Test Life Cycle (STLC).

Quality Control
Activities which ensure the verification of developed software with respect to documented (or not in some cases) requirements.
Focuses on actual testing by executing Software with intend to identify bug/defect through implementation of procedures and process.
Product oriented activities.
It is a corrective process.
QC can be considered as the subset of Quality Assurance.

Testing
Activities which ensure the identification of bugs/error/defects in the Software.
Focuses on actual testing.
Product oriented activities.
It is a corrective process.
Testing is the subset of Quality Control.