acceptance testing. (1) testing conducted to determine whether a system satisfies its acceptance criteria and to enable the customer to determine whether to accept the system *(IEEE 1012-2024 IEEE Standard for System, Software, and Hardware Verification and Validation, 3)* **(2)** formal testing conducted to enable a user, customer, or other authorized entity to determine whether to accept a system or component *(IEEE 1012-2024 IEEE Standard for System, Software, and Hardware Verification and Validation, 3.1) See also:* acceptance test, validation test

qualification testing. (1) testing conducted to determine whether a system or component is suitable for operational use *(ISO/IEC/IEEE 24765:2017 Systems and software engineering--Vocabulary)* **(2)** testing conducted on a hardware element, software element, or system to evaluate conformance with specified requirements *(IEEE 1012-2024 IEEE Standard for System, Software, and Hardware Verification and Validation, 3.1) See also:* acceptance testing, development testing, operational testing

development testing. (1) formal or informal testing conducted during the development of a system or component, usually in the development environment by the developer *(ISO/IEC/IEEE 24765:2017 Systems and software engineering-Vocabulary)* **(2)** testing conducted to establish whether a new software product or software-based system (or components of it) satisfies its criteria *(ISO/IEC/IEEE 24765:2017 Systems and software engineering-Vocabulary) Note:* The criteria will vary based on the level of test being performed. *See also:* acceptance testing, operational testing, qualification testing

operational testing. (1) testing conducted to evaluate a system or component in its operational environment *(ISO/IEC/IEEE 24765:2017 Systems and software engineering--Vocabulary) See also:* development testing, acceptance testing, qualification testing

acceptance test. (1) test of a system or functional unit usually performed by the purchaser on his premises after installation with the participation of the vendor to help ensure that the contractual requirements are met *(ISO/IEC 2382:2015 Information technology -- Vocabulary) See also:* acceptance testing, validation test

test sub-process. (1) test management and dynamic (and static) test processes used to perform a specific test level (e.g. system testing, acceptance testing) or test type (e.g. usability testing, performance testing) normally within the context of an overall test process for a test project *(ISO/IEC 29110-5-1-2:2025 Systems and software engineering Life cycle profiles for very small entities (VSEs) Part 5-1-2: Software engineering guidelines for the generic Basic profile, 3.45) Note:* Depending on the life cycle model used, test
sub-processes are also typically called test phases, test levels, test stages or test tasks. *Syn:* test subprocess

UAT. (1) user acceptance testing *(IEEE 1012-2024 IEEE Standard for System, Software, and Hardware Verification and Validation, 3.2)*

Obtain ISO Standards: http://www.iso.org/iso/home/store/catalogue_ics.htm
Obtain IEEE Standards: http://www.techstreet.com/ieee
Obtain PMI Standards: http://marketplace.pmi.org/Pages/default.aspx?Category=PMBOKguide

This definition is copyrighted ©, 2021 by the IEEE.
The reader is granted permission to copy the definition as long as the statement
" Copyright©, 2021, IEEE. Used by permission." remains with the definition.
All other rights are reserved.

Copyright © 2021 ISO/IEC.
In accordance with ISO/IEC JTC 1/SC 7 N2882 and N2930, this definition is made publicly available.
Permission is granted to copy the definition providing that its source is cited.

Material reprinted with permission from Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK) Guide - Sixth Edition, 2017. Copyright and all rights reserved.

PMI is a service and trademark of the Project Management Institute, Inc. which is registered in the United States and other nations.