What is a psychometric test?

Psychometrics Knowledge · https://psyasia.com/kb/what-is-a-psychometric-test/

A psychometric test is a measure of a psychological construct (such as personality or aptitude) that has been constructed according to psychometric principles. In addition, the test should be administered, scored and interpreted in a standardised manner. Psychometric principles means that the test was developed in the following manner:

-Constructed according to a valid theoretical rationale

-Items (questions) developed on the basis of that rationale and in order to assess the construct the test purports to measure

-Trialing of items

-Analysis of the items for reliability and other statistical properties

-Refinement of the items on the basis of the analysis

-Re-trialing of the items

-Further analysis and retrial ling as necessary to provide a reliable scale

-Standardisation and development of a norm group for comparative purposes

-Validation research to ensure that the test constructs measure what they purport to measure and to assess whether the test can also predict meaningful outcomes such as performance

-Writing up of all of the above in the test's technical manual.