



Psychometric Testing and Assessment

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Psycho + Metric

Psychological

Measurement

It is field that is concerned with the **theory** and **technique** of psychological measurement

Psychometrics - *Definition*

- ▶ *the science of psychological measurement.*

Psychometric - scope

- intelligence
- Abilities
- Attitudes
- Personality traits
- Learning
- Interest
- Self-esteem

Test - *Definition*

A test may be defined simply as **a measuring device or procedure.**

Psychometric Test - *Definition*

- ▶ The process of **measuring psychology-related variables** by means of devices or procedures designed to obtain a sample of behavior.

Psychometric test - scope

- ▶ The formal, structured exercises designed by psychologists to measure the psychological qualities such as reasoning, ability and personality traits.

Psychological Assessment - *Definition*

- ▶ The process of **gathering** and **integration** of psychology related data for the purpose of making a psychological **evaluation** that is **accomplished** through the use of tools such as ***tests, interviews, case studies, behavioral observation,*** and specially designed apparatuses and measurement procedures.

TEST VS ASSESSMENT

Objective

▶ Typically, to obtain some **gauge**, usually **numerical in nature**, with regard to an ability or attribute.

▶ Typically, to answer a referral question, **solve a problem**, or arrive at a decision through the **use of tools of evaluation**.

TEST VS ASSESSMENT

Process

- ▶ Testing may be **individual** or **group** in nature.
- ▶ Assessment is typically individualized

TEST VS ASSESSMENT

Role of Evaluator

- ▶ To conduct the test as per the instructions provided.
- ▶ To select the tests and/or tools of evaluation
- ▶ To draw conclusions from the entire evaluation.

TEST VS ASSESSMENT

Skill of Evaluator

- ▶ requires **technical skills** in terms of administering and scoring a test as well as in interpreting a test result.

▶ Evaluation Skills

- ▶ Data analysis and Integration skills

TEST VS ASSESSMENT

Outcome

- ▶ testing yields a **test score** or series of test scores
- ▶ a **logical problem-solving**
- ▶ approach that brings to bear many sources of data designed to shed light on a referral question.

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THANK YOU FOR BEING
PRESENT 😊

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