

Unit 2 Types of test

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11.02.26

Discuss the various types of tests used in psychal researches. or  
Discuss the uses of psychal tests or psychometric tests employed in psychal investigations.

Ans.

In Psychological research various types of tests & scales are used. Example Tests & scales differ in their nature in the sense that tests are more standardized than scales. Similarly tests & scales also differ in the sense that in a scale there are some alternative answers & each of them is correct. Where as in a test there are also alternative answers but only one answer is correct. Intelligence test is a typical example for test while attitude scales are typical example of a scale.

Various types of tests & scales are used in psychal researches. Tests & Scales are diff. in the sense that test is more standardized than a scale. Moreover there must be some alternative ans. of a scale & each of them is correct. On the other hand a test also may have diff. alternative answers, but only one alt. ans. is correct. The intelligent test is a typical eg. of a test while the attitude scale is a typical eg. of a scale.

In Psychological investigations three types of tests are used they are of Psychometric tests  
1. Projective test  
2. Situational test  
3. Psychometric test  
Psychometric tests have greater objectivity & so are more preferable to other tests.

In psychal investigations three types of psychal tests, are used. They are the psychometric test, the projective test & the situational test. By psychometric test we mean such tests which have greater objectivity. So they are preferable to other types of tests.

Psychometric test  
In Psychological research such tests are generally used as per requirement.

Psychometric Test:— In psychal enquiry, psychometric tests are frequently used acc. to the requirement of researcher.

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The following Psychometric tests are very common in the following Psychometric tests.

The foll. psychometric tests are very common.

Intelligent Test

1) Intelligent Test: - Various types of tests are used to measure the general ability, competency or intelligence of the subjects.

Intelligent test may be verbal or non verbal (Performance).

Composing a sample. Intelligent test may be verbal or non-verbal. A verbal test is used to measure the intelligence of educational people. Such tests are useful to measure the abstract reasoning or intelligence of the people.

Verbal tests are used generally on educated people who know language. Such tests are useful to measure abstract reasoning or the intelligence of the subjects.

Important verbal tests, Binet-Simon test, Merrill-Terman test, Wechsler-Bellevue test, Simon test, Merrill-Terman test, Wechsler-Bellevue test etc. are verbal test which may be used acc. to the requirement of the researcher.

Mohsin general intelligence test is also a verbal test which is used on speaking children.

Mohsin general intelligence test is also a verbal test to measure the general intelligence of the Hindi speaking child.

On the other hand the non verbal or performance tests are used on uneducated people.

test or performance test can be used to measure the intelligence of the uneducated subjects constituting the population.

Any important tests are Pass Along Test, Zohar's Block Design Test, Pass Along Test, Zohar's Block Design Test, Simon Test, Merrill-Terman Test, Wechsler Adult Intelligence Test.

The Pass-Along test, Block-Design Test, Cube-Construction Test etc. are non verbal tests. Wechsler adult

These performance tests are both speed test & power test. speed because scoring is done on their quickly we can take a test. (speed test) + Power because scoring is made on how many correct we place the cubes while performing the model no. I, II, III, IV, V.

The Wechsler adult intelligence test is also partly non-verbal test. The performance test is also partly non-verbal test. Such test has some advantages over verbal tests. a) The verbal test can measure the intelligence of educated & non-educated subjects while the non-verbal test is applicable to both educated & non-educated subjects. b) Verbal test is culture bound while non-verbal test is culture free.

c) Verbal test can measure abstract reasoning while non-verbal test can measure concrete intelligence.

Intelligence test can be either individual test or group test. The Binet-Simon test, the Merill-Terman test, the Alexander Battery of test etc. are indiv. tests. Such tests can measure intelligence more accurately due to indiv. attention. However they are highly time & labour consuming. On the other hand Binet-Simon, Terman Merill and Alex and Battery tests are individual tests which are given on the subject so it measures the intelligence more accurately. But they are more time labour consuming.

Army Alpha test, Army Beta test, Mohsin general intelligence test, Army Alpha test, Army Beta test, Mohsin general intelligence test etc. are group tests. They are highly time & labour saving. But they cannot

measure individual's intelligence more accurately because individual attention is not paid but they are highly labour saving.

4 is power test. Therefore total power score will be 51.  
 The pass along test of the Block design test is a speed <sup>test</sup> while  $9 + 18 + 24 = 51$ .  
 Cube Construction test is both speed & power test.

The researcher must choose any test out there according to her requirements. accurately due to the lack of indiv. attention. so the researcher must choose only suitable tests acc. to her requirements.

2) Achievement Test :- Such test is used to measure the skills or the proficiency of the subjects in a particular area. There are mainly two types of achievement tests namely the essay type test & the objective type test. The essay type test is beneficial to measure the achievements of the testee in a very extensive way but it is highly subjective & hence unreliable. On the other hand objective test is more scientific & reliable however it fails to give a Comprehensive picture of the achievements by the subjects in a particular field. So it is suggested for the researcher to use both the tests simultaneously.

Such test is used to measure the skill or efficiency of the subject in a particular field.  
 Achievement tests are of two types: 1) The Essay type test & 2) the Objective type test.  
 The Essay type test measures the subject's achievement in a very extensive way but it is highly subjective & so unreliable. On the other hand the Objective test does not measure the achievement in an extensive way in a particular field but it is more scientific & reliable. It is recommended for the researcher to use both the tests in a research simultaneously.

3) Aptitude Test :- The aptitude test is used to measure the various aptitudes of the subjects belonging to the sample. Such test may be

- 2. differential aptitude test
- 3. Specific aptitude test
- 4. Vocational aptitude test

The general aptitude test can measure spatial ability, perceptual ability, Verbal ability and memory ability etc.

Its best example is Thurston's primary mental ability test.

(DAT) differential aptitude test, Specific aptitude test + Vocational aptitude test. The general aptitude test can measure spatial ability, perceptual ability, Verbal ability, memory ability etc.

Thurston's primary Mental Ability Test - is an eg. of such a test.

The differential aptitude test (DAT) can measure verbal reasoning, numerical ability, mechanical aptitude, clerical aptitude etc.

Differential aptitude test (DAT) can measure verbal reasoning, numerical ability, mechanical aptitude etc. Specific aptitude test is used to measure specific abilities such as engineering ability, teaching ability, nursing ability + so on.

Specific aptitude test is used to measure specific abilities like engineering ability, teaching ability, nursing ability etc.

Bennett's mechanical comprehension test (M.C.T) is an eg. of such tests.

Similarly Vocational aptitude test is used to measure the aptitude of the subject in different vocations. Many Mozer Arts test is its example.

The vocational aptitude test measures the aptitude of the subject in different vocations. Many Mozer Arts test is its example.

To measure the aptitude of the Indian masses different Indian general aptitude tests have also been developed.

Mozer Arts test is an eg. of such Vocational tests. More- over diff. Indian general Aptitude tests have also been developed for measuring the aptitudes of the Indian masses.

(4) Interest Inventories

Interest Inventories are being used for measuring the interest

T = Interest  
M = Manifest  
E = expressed

The interests of the subject for given sample. The interest are of four types:

- 1) Expressed interest
- 2) Manifest interest
- 3) Tested interest
- 4) Inventorial interest

In this field, Strong Interest Inventory (SUII), Kuder Preference Record (KPR), MOMP, BOPI, etc are used to our requirement.

Moreover, there are also some Indian inventories to measure the interest of the Indian subjects. Moreover, some Indian inventories are also used to measure the interest of the Indian subjects.

⑤ Projective Test: — The Projective tests such as T.A.T, I.B.T, W.A.T, P.F.T, etc are being used to measure the personality traits & structure of the subjects & of the sample.

The T.A.T. by Murray is more useful for measuring the contents of Personality. The I.B.T by Rorschach is more useful for measuring the personality structure of the subjects. The P.F.T by Rosenzweig is used to measure the personality of Mal-adjusted people.