

Unit 2 Types of test

10-02-26  
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. Tests & scales differ in their nature in the sense that tests are more standardized than scales. Tests & scales are sized differently in the manner in which alternative answers are given. In a test there are some alternative answers but only one answer is correct. In a scale there are some alternative answers, but only one alt. ans. is correct. The intelligent test is a typical example of a test while the 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 standard 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 test, Projective test & Situational test. Psychometric tests have greater objectivity & so are more preferable to other types of 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 as per requirement of researcher.

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

The following psychometric tests are very common.

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).

Intelligence of the subjects is measured by the intelligence test. 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. The Binet-Simon test, the Merrill-Terman test, the Wechsler-Bellevue test etc. are verbal test which may be used acc. to the requirement of the researcher. The Mohsin general intelligence test is also a verbal test to measure the general intelligence of the Hindi speaking children.

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, etc. are used in Psychology research.

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

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

Any important tests are Pass Along Test, Block Design Test, etc.

On the other hand non verbal test or performance test can be used to measure the intelligence of the uneducated subjects constituting the population.

Pass Along Test, Block Design Test, etc. are non verbal tests.

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

These performance tests are both speed test & power test. speed because solving is done on their quickly we

The wechsler adult intelligence test is also partly non-verbal & partly verbal test because solving is made on their hand. Correctly we place the cubes while performing the model no. 111-114.9

The performance test intelligence test is also partly non-verbal test. Sixta 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 indiv. test or group test. The Binet-Simon test, the Merrill-Terman test, the Alexander Battery of test etc. are indiv. tests. The Binet-Simon, Terman Merrill and Alexander battery tests are individual tests which are given to individual subject so it measures the intelligence more accurately. Such tests can measure intelligence more accurately due to indiv. attention. However they are highly time & labour consuming. On the other hand Army Alpha test, Army Beta test, Mohsin general intelligence test etc. are group tests. They are highly time & labour saving. But they cannot

measure intelligence of individual's in intelligence test because of the subject's attention is not given to the subject. They are highly labour saving.

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

The researcher must choose any test out of these 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.

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

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 & hence unreliable. On the other hand the Objective test does not measure the achievement in a very extensive way in a particular field but it is more scientific & reliable.

So it is suggested for the researcher to use both the tests in a research simultaneously.

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

The general aptitude test can measure spatial ability, perceptual ability, Verbal ability, 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, Bennett's mechanical comprehension test (M.C.T) is an eg. of such tests.

Specific aptitude test is used to measure specific abilities such as engineering ability, teaching ability, nursing ability + so on. 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.

The vocational aptitude test measures the aptitude of the subject in different vocations. Many Major Arts test is its example. More-Over diff. Indian general Aptitude tests have also been developed.

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 are being used for measuring the interest

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The interests of the subject of  
 given sample. The interest  
 are 4 four types:

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

the subjects belonging to  
 the sample there are four  
 types of Interest tests rela-  
 ting to expressed interest,

In this field Strong manifest interest, tested or  
 interest & Inventorial interest  
 Blank (SVIB), Kuder  
 Preference Record (KPR),  
 MMPI, BOP, etc are  
 being used acc to our  
 requirements

Moreover there are also BOP, etc. are being used  
 to our requirement.  
 Moreover some Indian Interest  
 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.

T - Interest  
 M - Manifest  
 E - Expressed