**BA BED 4 SEM**

**EDUCATION**

**UNIT 4**

ALKA ASATI

**INTELLIGENCE TEST**

TEST OF INTELLIGENCE: -

“French Psychologist, ‘ALFRED BINET’ the father of intelligence test construction movement.

Based on number of individuals to be tested

1.Individual tests –One individual is tested at a time.

2. Group tests – Group of individuals are tested at a time.

Based on the form of test: -

1. Verbal tests– Uses language or paper and pencil

2. Non – Verbal tests – For example performance tests.

**1.INDIVIDUAL INTELLIGENCE TEST**

This test can be administrated to only one individual at a time.

TYPES OF INDIVIDUAL INTELLIGENCE TEST: -

•Verbal method.

•Non-Verbal method.

•Performance test.

1. VERBAL METHOD: - In this method language ability is essential. The individual can answer through to verbal way such as reasoning memory and numerical abilities. Verbal test cannot be administrated to dumb, your condition or those who doesn’t understand your languages

2. NON-VERBAL METHOD: - Non-verbal method is deals with diagram and picture. ϖThis test free from language barriers and do not require reading skill. ϖ Non-verbal test can administrate illiterate and natives.

3. PERFORMANCE METHOD: - It is one of the non-verbal tests but is assess the subject (person) has to do something to rather than to some E.g. solve your problem, assemble e.g. a pattern of blocks, assemble animal picture.

**GROUP INTELLIGENCE TEST**: - In this method test can be administrate to a group of individuals at a time. Individual intelligence test was born in France but Group intelligence test in America. Group intelligence test started during first war for selecting shoulder in larger number.

TYPES OF GROUP INTELLIGENCE TEST: -

1 Verbal test

2 Non-Verbal tests

INTELLIGENCE TESTS BASED ON SCIENTISTS: -

1. Wechsler test

A. Wechsler adult intelligence test scale (WISE)

B. Wechsler intelligence test scale for children (WISC)

2. The Stanford Binet intelligence scale

3.Ravens progressive matrix

4. Vineland social maturity scale.

1.WECHSLER TES: -

This test described by American Psychologist Wechsler. From this we can assist the individual intelligence scale for all age group

A) WISE – Used for people between ages of 16-75.

B) WISC – Used for children at age group between 5-16 years.

2. STANFORD BINET TEST: -

HISTORY: - Stanford Binet Test (1965) intelligent this is a new version of Binet Simen test. In 1905 two French Psychologist Binet and Simen discover this intelligence test. After that it was modified American Psychologist Termon with Binet at Stanford University for current use of intelligence assessment. In 1986 it is known as Stanford Binet intelligence test form.

STANDFORD BINET TEST: -

This test can useful for measurement of general intelligence test. It

can useful for 2 year to superior adults up to 45 years. It is very effective only to 16 years. For adults this test result is not accurate or satisfactory.

Formula…… MA (MENTALAGE) X 100 IQ= CA (CHRONOLOGICAL AGE)

IQ… IQ INTERPRETATION

Below 20 Profound Mental retardation

20 - 35 Severe MR

35-50 Moderate MR

50-70 Mild MR

91-110 Slow learner

111-120 Average

121-140 Superior

d above Gifted

IQ ……

Nearly 35% belongs to low IQ and only 5% belongs to high.

**RAVENS PROGRESSIVE MATRIX**: - This test is given by J.C. Raven’s British psychologist. It based on ability to identify spatial relationship with object. This test used for 6-65 years. This test can assist through the matrix for children colour box adult black and white colour. From the matrix find out missing piece or ordinary pattern to find out 6-8 often on the same page. For this test there is no time limitation but normally consider for 20 minutes.

**VINELAND SOCIAL MATURITY SCALE**- This scale is devised by Doll and his associates at Vineland School in America. It naturally Assesses one’s maturity status in a particular situation. But it is not primarily an intelligence test. This test differs from other test because it is not directly assessing the object but through the care giver like parents, neighbours, nurse etc. This score recorded in from of SA (Social age).