

GROUP: E ELECTIVE COURSE-II
M.ED. EC214: MEASUREMENT OF MENTAL ABILITIES

Objectives:

The student:

- 1 Understands the meaning and nature of psychological testing and its underlying-principles
- 2 Selects and-administers tests
- 3 Scores tests and interpret results
- 4 Appreciates the need to have a wide range of test material in the school

Unit-I Measurement of educational achievement and Aptitude

- 1.1 Tests of educational achievement, proficiency tests, diagnostic tests
- 1.2 Aptitudes and their testing
 - meaning global and unitary approaches of aptitude testing,
 - multifactor test batteries-DAT, GATB, other tests of special abilities and professional aptitudes
 - Information about tests of aptitudes available in Gujarati

Unit-II Measurement of Intelligence

- 1.1 Tests of intelligence-meaning,
- 1.2 individual scales of Stanford-Binet and Wechsler and their Gujarati adaptations,
- 1.3 Group tests of intelligence-verbal, non-verbal, performance test
- 1.4 Information about tests of intelligence available in Gujarati

Unit-III Measurement of interests, attitudes, values and personality:

- 3.1-Nature of interest,
 - kinds of interest,
 - different approaches for the assessment of interest,
 - relation between interest and aptitude,
 - Kuder's and Strong Campbell's interest inventories,
 - information about measurement of interest in Gujarati
- 3.2 Methods of constructing attitude scales-Likert, Thurstone
- 3.3 Types of values and their measurement

Unit-IV Measurement of Personality

- 4.1 Different views about the concept of personality, different approaches for the Approaches of personality measurement - rating scales, inventories, projective techniques-information about Rorschach and TAT, Situation Reaction tests. Work done in Gujarat in the field of personality assessment