



SUMMARY

Measurement and evaluation refers to the use of techniques to determine the degree to which a trait, ability, or characteristics exists in an individual. Measurement and evaluation techniques other than tests include rating scales, checklists, controlled observation, and various measuring instrument. Evaluation is the responsibility of the administrator and the need for evaluation is present in any viable, dynamic organization. Measurement helps determine where instructional emphasis should be placed and which procedures are effective and ineffective and it also gives directions and helps supply information for guidance purposes. From the administrator point of view the purposes of evaluation in physical education and professional preparation program is to determine the extent to which the objectives of the program are being accomplished. Today, the application of computer in physical education and sports enables a battery of test items on such characteristics as speed, strength or power to be analysed item by item. It also make comparison of test scores of one class of students with other classes within the same school or with other schools where norms are available and can be done with ease. The evaluative objectives in physical education includes four important areas viz. the physical development, motor skill development, knowledge and understanding and, social development. The criteria for test construction & selection refer to those particular standards that may be used to evaluate measurement and evaluation materials. Validity may be defined as how well a test measures what it claims to measure. Reliability may be defined as the consistency of measurement on the same individual or group, under the same conditions, and by the same person. Objectivity is the degree to which the technique can be given to the same individual or group and obtain the same results. Norms is the level of the group performance or statistical average may be defined as a norm for a group. And, administrative economy is the procedures involved with conducting the program.