

CONSTRUCTION AND STANDARDISATION OF A SCIENCE APTITUDE TEST
FOR SECONDARY SCHOOL PUPILS OF KERALA.

Name of student : PRIYA K P.

Name of supervising Teacher : ABDUL GAFOOR K

Year of study : 1999

OBJECTIVES

- To construct and standardize a science aptitude test for the secondary school pupils of Kerala.
- To establish norms for the subgroups based on sex of pupils and local and type of management of the school.

METHODOLOGY

Method used : Survey method

Sample : 800 students of students of standard IX drawn from different schools of 4 district of Kerala.

Tool : Science aptitude test.

Statistical Techniques : Karl Pearson's product moment correlation co-efficient and mean median mode and Percentile.

RESULT

- The study reveals that there is significant difference between boys and girls in their science aptitude. Boys are superior to girls in their science aptitude.
- There is also significant difference between rural and urban pupils in their aptitude in science.
- There is significant difference between private and Govt: school pupils in their science aptitude.

KEY TERMS : Constructions, Standardization