

Analyzing the Performance Variation between Competitive and Non-Competitive Examinations among Grade 5 Students

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ABSTRACT. The main objective of this research study is to test whether there is any performance variation exists in between the grade 5 students' performances in competitive and non-competitive examination. The grade 5 scholarship examination is a competitive conducted by the government and school term examinations (2nd and 3rd terms) are non-competitive. Most importantly, this is to examine the impact of the grade 5 scholarship examination in the development of child education which is an analysis about how far the stress makes poor performance among grade 5 students.

Two types of data were collected to test this object; firstly the grade 5 scholarship examination marks of the students for the past consequent 10 years (2000-2009). Secondly the same students' 2nd and 3rd terms school examination marks for the same 10 years.

To analyze these data ANOVA statistical procedure was used to test the association between the students performance between competitive and non-competitive examinations. Turkey's studentized range method was used for multiple comparison of means between scholarship and school terms examination. Since the competitive examination takes place in between 2nd and 3rd term examinations. Further another comparison test was made to analyze the association in between 2nd and 3rd term examinations. These comparisons were used in order to check whether there is any improvement in the students' performance after the scholarship examination.

The results showed that students' performances are significantly poor in the scholarship examination comparing with school terms examination in all 10 years and there is no significant difference between the students' performances in 2nd and 3rd terms examination.

Key words: Grade 5 Scholarship; Competitive Examination; Non-Competitive Examination; ANOVA; Mean Comparison.

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