

COMPARATIVE ANALYSIS OF STUDENT MATHEMATICS ACHIEVEMENT IN WEST AFRICAN SENIOR SECONDARY CERTIFICATE EXAMINATION IN NIGERIA

Zalmon, Ibaan Gogo

Department of Mathematics/Statistics Faculty of Natural and Applied Sciences
Ignatius Ajuru University of Education, Port Harcourt, **NIGERIA**

&

Wonu, Nduka

Department of Mathematics/Statistics Faculty of Natural and Applied Sciences
Ignatius Ajuru University of Education, Port Harcourt, **NIGERIA**

ABSTRACT

This study comparatively analyzed the trends in students' achievement in the May/June West African Senior Secondary Certificate Examination (WASSCE) in general mathematics in Nigeria between 1991 and 2016 years. The study adopted survey design of the ex-post-facto research type with a sample of 24,661,758 students in Nigeria who sat for the May/June WASSCE in general mathematics between 1991 and 2014 years. Students' grade in WASSCE general mathematics were collected from records and used for the study. Three research questions and a hypothesis guided the study. The research questions were answered using percentage and mean while chi-square was used to test the null hypothesis at 0.05 level of significance. Findings from the study showed that the population of students that sat for WASSCE in general mathematics increased by 147.76% after a period of 13 years and that improvement in achievement was significant with time. Based on the findings, the study recommended among others, that the novel instructional practices and strategies for mathematics teaching and learning be sustained.

Keywords: Comparative, Analysis, Mathematics, Achievement, Examination.