ERRORS COMMITTED BY MALE AND FEMALE STUDENTS IN PHYSICS EXAMINATION IN SECONDARY SCHOOLS OF NANDI SOUTH SUB-COUNTY, KENYA

Fatuma Mutai, Korso Gude & Elizabeth Role
University of Eastern Africa, Baraton**, KENYA**

ABSTRACT

The study was conducted in 10 secondary schools which were categorized as; extra county, county, and sub county. The study utilized comparative and correlational research designs. The target populations for the study were 497 Form IV students taking July/August Nandi South District Joint Mock Examinations in 2014 out of which a sample of 226 students participated in the research. The instruments used were questionnaires. Results revealed significant differences between male and female students in operational errors and algorithm errors. Female students were found to commit operational error more than male students, and male students committedmore algorithm errors than female students. However, thereis no significant difference ($p>0.05$) between male and female student committing computational error ($p=0.134$) and communication errors ($p=0.183$).

Keywords: Algorithmic error, Communication error, operational error, Computational error, Error.