

## **ABSTRACT**

### ***Comparison of Students' Mathematics Learning Outcomes Using the Problem Solving Method Assisted by Quizizz and Kahoot Learning Media in Solving Class XI Questions at Mulia Husada Sumenep Health Vocational School***

*Keywords: Kahoot, Learning Media, Problem Solving, Quizizz*

*This study aims to determine the comparison of student learning outcomes between the use of problem solving methods with Quizizz media or the use of problem solving methods with Kahoot media in class XI students of Mulia Husada Vocational High School Sumenep.*

*In this study researchers used quantitative research. the sample used was class XI students of Mulia Husada Sumenep Health Vocational School as many as 42 respondents. Data was collected through the posttest method using 10 multiple choice questions. Analysis of the data obtained using several tests, including the validity test, reliability test, normality test, homogeneity test and t test. in the t test the test used is the independent sample t-test.*

*The results showed that there was a significant difference between the mathematics learning outcomes of class XI students who were taught using the application of the problem solving method with Quizizz and Kahoot media with a t-test result of 0.000, which means less than a significance level of 0.05. For the average value of mathematics learning outcomes using the Quizizz learning media of 43.0769 and the value of student learning outcomes using the Kahoot learning media is 71.7647.*