

## **ABSTRACT**

*Afida Riani Hidayat 2017. **Prior Knowledge and Self Efficacy of Student SMA Pasundan 3 Bandung on Learning of Reproduction Concept** Adviser 1 Dr. Rer. Nat Adi Rahmat, M.Si. and Adviser 2 Dr. H. Uus Toharudin, M.Pd.*

*This study aims to know the ability and prior knowledge also selft efficacy of student on reproduction concept. This study is hoped can be able to enhance self efficacy and prior knowledge of student on reproduction concept. Subject of this study is class XI MIPA of SMA Pasundan 3 Bandung, and sample are 20 students of that class. This study is descriptive research. Data of prior knowledge is taken before learning of reproduction concept is begun, form of instrument is the question about repoduction concept of class IX SMP (Junior High School) , to know how far the prior knowledge of each student before they follow learning in SMA (Senior high school). Data of self efficacy is taken after the students do leraning about reproduction concept, it uses questionare that contains 20 questions about three aspect of self efficacy those are academic aspect, self regulation aspect, and social aspect. Data is analyzed by using normality test, correlation test of every variable. Data of this study is not significant so that it is not contonued to the regresion test.*

*The average score of prior knowledge is 4,60, some students get misconceptions on different serial number. The highest percentation of misconceptions on questions number 2 and 4 it's about 0,95 and the lowest percentation of misconceptions is about 0,3 on question number 6. The average score of self efficacy is 65,62. The result of whole calculation of prior knowledge is low. The calculation result of student's self efficacy test on all aspects is good. The correlation of calculation between prior knowledge and self efficacy on reproduction concept of student in SMA Paundan 3 Bandung is categoryzed as low category because the data shows it is not significant or inversely proportional.*

*Keywords: Prior Knowledge, Self Efficacy, Concept of Reproduction System.*