ABSTRACT

RAFIQA KHAIRIR RAHMAH. Comparative Learning Outcomes of Fungi Using Open Inquiry and Guided Inquiry Learning Models. Under the Guidance of MIEKE MIARSYAH and ADE SURYANDA.

Good learning outcomes is needed to face challenges in the industrial revolution. This can be improved through scientific methods, which one is inquiry learning. The aims to compare learning outcomes between open inquiry learning models and guided inquiry. Open inquiry learning through their research plan. Guided inquiry learning, through worksheets that prepared by the teacher. This research was conducted at SMA Negeri 1 Klirong, Kebumen academic year 2018/2019 grade X. The method used was quasi-experimental pre-posttest. The sample used was 72 students using an open inquiry learning model, guided inquiry learning model and conventional. The Pre-analysis test uses Liliefors for normality and f-test for homogeneity test. Analysis of hypothesis testing using t-test. The results of the t-test at α 0.05 is 0.169<t table. The results of the t-test are not significant, which means there is no difference learning outcomes between open inquiry and guided inquiry.

Keywords: guided inquiry, open inquiry, learning outcomes