

ABSTRACT

YAYI NURBAETI. 2023. The Effect of Learning Models *Reading, Questioning, and Answering* (RQA) To Ability Students ' Scientific Literacy in Learning Biology (Experimental Study in Class XI MIPA SMAN 1 Singaparna on the Human Nervous System Sub-Material). Thesis Biology Education Department. Faculty Teacher Training and Education. Siliwangi University.

The use of active learning models can improve scientific literacy skills. Study This aims to find out influence of learning models Reading, Questioning, and Answering (RQA) to ability literacy science participant educate on nervous system material human in Class XI MIPA SMAN 1 Singaparna Year Teachings 2022/2023. Research methods used _ that is quasi experimental with design study the matched-only posttest -only control group design. Population in study This that is all over class XI MIPA SMAN 1 Singaparna a total of 8 classes totaling 292 students. Samples used in study This as many as 2 classes that is class XI MIPA 1 as a class experiment totaling 37 students and class XI MIPA 2 as a class controls totaling 36 students. _ Retrieval technique sample done with technique purposive sampling. Data collection techniques include: test ability literacy science form question compound choice multiple questions totaling 24 questions. Instruments used test ability literacy science on materials system nerve human. Data analysis techniques were carried out with prerequisite tests analysis and hypothesis testing. Test prerequisites analysis using the Kolmogorov-Smirnov test obtained mark significance $0.079 < 0.05$ and Levene's test was obtained mark significance $0.635 > 0.05$. Hypothesis testing using independent t test results analysis show that H_0 was rejected with mark significant obtained $0.000 < 0.05$ so it can be concluded that There is influence learning model Reading, Questioning, And Answering (RQA) against ability literacy science participant educate on the material system nerve human. In the learning process, reading, asking questions and searching for answers continuously can improve students' learning abilities to become more active.

Key Words: *Reading, Questioning and Answering (RQA) learning model, literacy science, system nerve human*