

## ABSTRACT

***Fitri Nuranisa Hidayat, 2017. The Effectiveness of Survey Question Read Reflect Recite Review (SQ4R) Learning Method on Metacognitive Awareness and Student Learning Outcomes on the Subject of Immune System. Advisors: Dr. Cartono, M.Pd., M.T. and drh. Nia Nurdiani, M.Si.***

*This study is based on a fact which shows that the learning outcomes of 11<sup>th</sup> grade students of Mathematics and Natural Science in SMAN 12 Bandung remain on low level. One of the reasons is that a suitable learning method to make the students easier to comprehend the subject remains unestablished. This study aims at obtaining information whether SQ4R learning method is able to effectively increase in terms of metacognitive awareness and student learning outcomes on the subject of immune system. The method employed in this study is Pre-Experiment using One Group Pretest-Posttest Design. The population of this study is all 11<sup>th</sup> grade students of Mathematics and Natural Science in SMAN 12 Bandung academic year of 2016/2017. XI MIPA (Mathematics and Natural Science) 7 is selected as a sample using purposive sampling technique due to the homogeneity of previous learning outcomes. Metacognitive awareness is measured using MARSII instrument (Mokhtari & Reichard, 2002), whereas, learning outcomes are measured using instrument of objective test (multiple choice). Increased metacognitive awareness and learning outcomes are tested by paired t test of  $\alpha=0.05$ . The data analysis result shows increased in terms of metacognitive awareness with Gain value of 0.28 and N-Gain of 0.16 (low category), and in terms of student learning outcomes with Gain value of 58.51 and N-Gain of 0.84 (high category). Learning process using such method obtains student response of 72.97% (good category) and 78.81% of students do well. From the obtained result, it is glaring that SQ4R learning method is effective in terms of increasing metacognitive awareness and student learning outcomes on the subject of immune system. Further testing regarding this learning method being collaborated with other media or learning methods towards different concept of learning is necessary.*

**Keywords :** *SQ4R Learning Method, Metacognitive Awareness, MARSII, Learning Outcome.*