

**Analisis Hubungan antara Status Gizi dan Kejadian Anemia dengan Prestasi Belajar pada Siswi di SDN JENGGAWAH 01.***(Analysis of Relationship between Nutritional Status and Anemia with Genesis Learning Achievement in Students at SDN Jenggawah 01).*

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**ABSTRACT**

*Anemia is reduced to less number of red blood cells and hemoglobin in the body. Hemoglobin is the protein carrier O<sub>2</sub> in red blood cells. Conditions of anemia decreased so that the amount of Hemoglobin levels decreased and O<sub>2</sub> are carried to the brain is also decreased, if O<sub>2</sub> is reduced in the brain, it will cause reduced concentration, headache, pallor, fatigue, drowsiness. Anemia on children have considerable impact seriously because it would interfere with their growth and development. More effect will influence intelligence, comprehension of children and their learning performance. This study aims to knowing the correlation between nutritional status and the incidence of anemia and academic achievement of female students at SDN Jenggawah 01. The study was conducted in September 2016, methods of research is is analytical observational with cross sectional design. The sampling technique used is stratified random sampling with 58 respondents Nutritional status of respondents obtained through the measurement of BB and TB, incidence of anemia was obtained from measurements of hemoglobin level test, school performance report card grades from the subjects of mathematics last semester odd the academic year 2016/2017. The results showed that the majority of respondents have a thin nutritional status of as many as 36 people or 62.1%. Respondents who have less learning achievement as many as 46 people or 79.3%. Respondents who are anemic as many as 10 people or 17.1% The conclusion of the research shows that there is a relationship between nutritional status and academic achievement ( $p = 0.010$ ), whereas the incidence of anemia and academic achievement are not related ( $p = 0.080$ ).*

**Keywords:** *Anemia, Learning Achievement, Nutritional Status*