**ANALYSIS OF STUDENTS DIFFICULTIES IN LEARNING HEREDITY OF XII GRADE STUDENTS IN SMA SWASTA HARAPAN 1 MEDAN ACADEMIC YEAR 2015/2016**

**Putri Wita Sari (SIN 4121141021)**

**ABSTRACT**

This study aims to detect the students difficulties in learning heredity topic and the factors that influence on it. A descriptive research design was used in this study to describe the level of students difficulties based on cognitive and learning indicator aspect and also the causing factors. The population are taken from whole of XII Grade Students in SMA Swasta Harapan 1 Medan. There were 3 classes chosen as the sample by applying cluster random sampling technique. The instruments used to obtain data were multiple choice test, essay test, concept map and questionnaire. The result of data analyzed showed : (1) On cognitive aspect, the difficulties are categorized into very high difficulties from C1 until C6 level of cognitive which the highest percentage is on C6 category as 80,21%, (2) On learning indicator aspect, the students have very high difficulties in explaining the causing of pseudo deviation of Mendelian Law as 72,32%, (3) Society is the factors that categorized as influential in causing students learning difficulties which is 76,77%.

Keywords : *learning* *difficulties, cognitive aspect, learning indicator, heredity*