

CHAPTER I

INTRODUCTION

This chapter consists of eight sub-chapters. (1) Background of the Study, (2) Formulation of Research Problem, (3) Objective of the Research, (4) Hypothesis of the Study, (5) Significance of the research, (6) Scope and limitation of the problem, (7) Definition of key term, (8) and organization of the research.

A. Background of the Study

According to Dalyono (2007:184) IQ is concerning ability for learned to be already studied deep on effort adaption to situations that insufficiently been known, or in trouble-shooting.. Many people have opinion that have good person or success in life is people that have high IQ. However, in real life, many person which their despite success though have average IQ.

Meanwhile IQ or level of *intelligence quotient* is acquired score of one tool of intelligence test. In other word, IQ is acquired score of essays intelligence, so the essays of intelligence more recognize with IQ. Ordinal, IQ test commonly use to determining major in a school.

The ability of a child in adaptable that of course it will also on how they accept and understand material by educator. In addition, it will influence too on achievement studies of child, particularly on English subject.

As a teacher, certainly, he or she needs to know the IQ gradation of their students, and then the teacher can find it easier to educate and to teach them. By recognizing students' IQ, the teacher can decide the suitable approach, method or strategy that he or she can apply to do the learning process for them. Then, the learning process itself and the goal of teaching can be achieved. In addition, it is hoped that the learning process will gain a better result.

According to Armstrong (2000:21) gives definition of intelligence as ability for abstractly thinks. The IQ test score at that school represented students' competences, which generally classified into high, middle, and low competences. On the other hand, the students' English achievement also describes unsatisfactory yet.

Students always have interesting cases in their learning process that can influence depend on their achievement at school and their future. Nevertheless, the question now, why does someone steadily progress beside the other gets reverse. Why in facing some failure, someone can still stand up, while the other one give up? Why some people looked always success and the others usually fail in their life?

Many factors and problems were faced by students to reach their dream and ideals. Actually there are a lot of factors that can influence students' achievement. They can come from the inside and outside of individual. Some factors coming from the inside of individual are IQ, talent, motivation, attitude, aptitude includes interest (Purwanto, 1992:107).

Based on statement above we can see one of factors that can influents students' achievement is Intelligence Quotient (IQ). Originally, IQ or Intelligence Quotient was use to detect persons of lower intelligence, and to detect children of lower intelligence in order to place them to special education program. Like the IQ score of MAN Tulungagung 1 students, the eleven grade students' in this school have variation of IQ score. Some of them have high IQ that refers to very superior, average IQ that refers to average or moderate and the others have low IQ that refers a low average.

In this study, the researcher has reasons in turning to know the correlation of IQ and achievement used by science students of MAN 1 Tulungagung in learning English. That is to strenght the last research that said "The smart or students who have good achievement have good IQ score", so the rearcher take science class because the science class students are the students who have good knowledge on study, there are language, mathematics, science, social and religion.

The first IQ test was designed to compare a child's intelligence to what his or her intelligence "should be" as compared to the child's age. If the child was significantly "smarter" than a "normal" child of his or her age was. the child was given a high score, and if a child scored lower than expected for a child of his or her age, the child was given a lower IQ score.

A problem as a y situation where a gap exist between the actual and the desire a ideal state. In this time, the school was highly developed in sight that some schools doing IQ test to select their students. Like in MAN

Tulungagung 1, the IQ test was made at the school to acceleration class. Acceleration class is special class because this class is to be finishing their study just in two years.

Some people have opinion that in getting good achievement, students must have high IQ. Absolutely, people with low IQ will get difficulties in education. But the real phenomena show that it is not little people with low IQ get high achievement, and people with high IQ get low achievement, and people with average IQ score, able to get good and wonderful achievement than people with people high IQ. Students' final scores can sign students' achievement. It is resulted from the average of their daily scores (formative scores) and their final test scores.

It was realized that human's life never static but also always dynamic and full of challenges. People that have high IQ score (smart and brilliant) maybe steadily can improve and success. But when they face the problem, like failures in job or missing meaningful people, not all people with high IQ can stand up, because beside intellectual intelligence, people also have other intelligence like Emotional Intelligence (EI) or Emotional Quotient (EQ) which also believe can determine someone success. Today IQ absolutely gets many disavowals from some theories like emotional quotient, spiritual quotient and adversity quotient. Nevertheless, IQ has right and clear measurement or formula for measure student's intelligence.

Although IQ is not the one factor that determine someone success, but IQ as one of intelligence test have been widely used by educational

psychologists, because it correlate well with education achievement, also it has been employed by occupational psychologists because they are correlated with occupational success. It means that all intelligence factors related to one another in determine students' success.

From the point of view above, the writer wants to know about relationship among IQ and and students' achievement, so the writer would like to propose and run the research by the title on: "The Correlation between Intelligence Quotient (IQ) and Students' English Learning Achievement in MAN Tulungagung 1 at the first grade in Academic Year 2013/2014".

B. Research Problem

Based on the background presented above, the writer is interested to analyzing "Is there any correlation between Intelligence Quotient (IQ) and Students' English Learning achievement in MAN Tulungagung 1 at the first grade in Academic Year 2013/2014?".

C. Objective of the Research

Based on the formulation above, the objective of the study is stated: "is to know whether there is any significant correlation between intelligence Quotient (IQ) and students' English Learning achievement in MAN Tulungagung 1 at the first grade in Academic Year 2013/2014".

D. Significance of the Research

1. The Teacher

The result of the research is expected to be useful for English teachers in improving their teaching capacity to improve their students' achievement.

2. The Headmaster

The result of this research is expected to be a useful input for headmaster to support teaching learning activity by improving and developing the quality of education in the school, in order that students are motivated and interested in learning English.

E. Hypothesis of the Study

In this research, researcher has two kinds of hypothesis, namely:

1. Alternative Hypothesis (H_a) states that there is correlation between students' Intelligence score and students' achievement in learning English
2. Null Hypothesis (H_o) states that there is no correlation between students' Intelligence score and students' achievement in learning English

F. Scope and Limitation of the Problem

This thesis focuses on correlation between students' IQ and their English test score in MAN Tulungagung 1 at first grade in Academic Year 2013/2014, and to make a description of this thesis deeper,

In this research, the writer limits the study only looking at the students' IQ to know their varied competences and their capabilities and also their English achievement examination result.

G. Definition of Key Term

The following terms are given to make readers have the same understanding or perception for same terms used in this study. They are also intended to avoid ambiguity or misinterpretation, so the terms here are needed to be defined as follow:

- Intelligence Quotient (IQ) according to Dalyono (2007:184) is concerning ability for learned to be already studied deep on effort adaption to situations that insufficiently been known, or in trouble-shooting.
- Students' achievement is known after student studied the subject. In addition, it can be measured by their examination result. In sample definition, it is the studying result of the students.

H. Organization of the Research

The organization of the research is given in order to make the readers understand the content of the paper. Chapter I is introduction which deals with the background of the study, research problem, objective of the research, significance of the research, hypothesis of the study, scope and limitation of the problem, definition of key term, and organization of the research. Chapter II is theoretical background or review of related literature. It consist of

underlying theories that include the definition of Intelligence and Intelligence Quotient, they are: the meaning of intelligence and IQ, and English learning achievement, they are: the theories of learning, teacher, students, School, achievement, English and English learning achievement. Chapter III is the research method. It covers research design, population and sample, place and time of study, variable and data, the data collecting method and instrument, and technique of data analysis. Chapter IV research finding. It deals with result and discussion of the study that is loaded of result that contain of data presentation, data analysis and hypothesis testing, and discussion. Chapter V is conclusion and suggestion. It presents the conclusion of the study and suggestion for further study