

### **ABSTRACT**

**Jainab Soleman**, 2013. A research about students' ability at class XI SMA Negeri 1 Paguyaman in finishing the counting questions in materials about speed reaction. skripsi, Chemistry Department, Faculty of Natural Sciences and Mathematics, State University of Gorontalo. Advisor I Drs. Mardjan Paputungan, M.Si and advisor II Suleman Duengo, S.Pd, M.Si

This research includes descriptive research, it means that the reseracher only does survey towards students' understanding about speed reaction material. The population in this research was all the students at class XI Negeri 1 Paguyaman that consists of three classes. The sample was taken clusterly, namely the sample that chosen to be the object of research and gotten 2 classes, they are class XI IPA<sup>a</sup> and IPA<sup>b</sup>. The instrument used was test in multiple choice form. The result of try out instrument from 16 questions, it was gotten 16 questions used to take the data. The data that gotten to be analysis by determining the amount of level of students' ability in finishing the counting questions in speed reaction materials.

The result of research showed that students' ability at class XI IPA SMA Negeri 1 Paguyaman in finishing the counting materials of chemistry speed reaction could be said that very low namely 32,12%. Based on the result of research, therefore the teachers be suggested to increase students' result of learning in materials about speed reaction.

**Keyword** : Students' ability, Speed Reaction