ABSTRACT

The study reports on an analyze of student's mental states in electrolyte and nonelectrolyte solutions which integration in environmental education. The method used in this research is qualitative research and has been carried out at SMAN 31 Jakarta on 2015/2016. The participants of this study were the students of the Tenth Grade of Mathemathics and Natural Science Program 1 which carried out with purposive sampling. The data collection methods used were class observation, interview, student reflective journal writing, and MSCLI (Mental States Conceptual Learning Inventory) questionnaire. The results showed that there are no misconception because high representation there are four characteristics of mental states in X MIA 1. Most seen characteristic is student who have negative emotion and low intention will have high internal and external representation.

Keywords: *Mental States, Electrolyte and Non Electrolyte Solutions*