

ABSTRAK

Ira Ekawati Hasrat, 2015. “*Identifikasi Pemahaman Konsep Siswa Terhadap Materi Keseimbangan Kimia Menggunakan Instrumen Tes Three-tier Multiple Choice Diagnostic*”. Skripsi, Jurusan Pendidikan Kimia, Fakultas Matematika dan IPA Universitas Negeri Gorontalo. Pembimbing I Prof. Dr. Astin Lukum, M.Si dan Pembimbing II Dr. Lukman A. R. Laliyo, M.Pd, MM.

Penelitian ini dilakukan pada siswa kelas XI IPA SMA Muhammadiyah 2 Kota Tidore Kepulauan menggunakan tes *three-tier multiple choice diagnostic* yang mengukur 11 indikator. Instrumen ini dapat membedakan antara siswa yang paham dan tidak paham konsep serta siswa yang mengalami miskonsepsi. Hasil penelitian secara keseluruhan menunjukkan bahwa 14,60% siswa paham konsep, 22,27% siswa yang tidak paham dan 63,13% siswa yang mengalami miskonsepsi.

Kata kunci: Pemahaman konsep, tes diagnostik *three-tier*, keseimbangan kimia

ABSTRACT

Ira Ekawati Hasrat, 2015. “*An Identification of Students’ Concept toward the Chemistry Equilibrium Topic Using the Three-tier Multiple Choice Diagnostic Test Instrument*”. Skripsi. Department of Chemistry Education, Faculty of Mathematics and Natural Science, State University of Gorontalo. Principal Supervisor was Prof. Dr. Astin Lukum, M.Si and Co-supervisor was Dr. Lukman A. R. Laliyo, M.Pd,MM.

This research was a descriptive research, designed to identify the students’ concept mastery of chemical equilibrium topic. This research was conducted in Grade XI students of Natural Science Department at SMA Muhammadiyah 2 city of Tidore Kepulauan using the three-tier multiple choice diagnostic test to measure 11 indicators. This instrument could differentiate students’ who understand and who do not understand concept mastery, and those who experienced misconception. This research showed that 14,60% of the students understand the concept, 22,27% of the students did not understand the concept, and 63,13% had misconception of the concept.

Keywords: Concept Mastery, three-tier multiple choice diagnostic test, Chemistry Equilibrium