

Dila Amalia. 2023. *Analisis Miskonsepsi Siswa SMP Menggunakan Five Tier Diagnostic Test Pada Materi Klasifikasi Makhluk Hidup*. Skripsi. Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Dosen Pembimbing Aida Fikriyah.

ABSTRAK

Penelitian ini bertujuan untuk mendeskripsikan persentase tingkat miskonsepsi siswa SMP menggunakan *five tier diagnostic test* pada materi klasifikasi makhluk hidup. Jenis penelitian ini yaitu deskriptif kuantitatif dengan populasi siswa kelas VII SMP Negeri 3 Bangkalan Tahun Ajaran 2022/2023. Sampel yang digunakan dalam penelitian yaitu kelas VII-A dan VII-D berdasarkan teknik *purposive sampling*. Pengumpulan data yang dilakukan yaitu dengan pemberian soal *five tier diagnostic test*. Hasil penelitian menunjukkan bahwa: 1) Siswa mengalami M (*Misconception*) 37,73%, SC (*Scientific Conception*) 17,27%, ASC (*Almost Scientific Conception*) 2,73%, LK (*Lack of Knowledge*) 26,64%, NU (*No Understanding Conception*) 15,18%, dan UnC (*Un-Code*) 0,45%, 2) Persentase penggolongan level miskonsepsi berdasarkan perhitungan menggunakan standar deviasi dan mean siswa berada dalam kategori miskonsepsi rendah sebesar 27,27%, miskonsepsi sedang sebesar 52,73%, dan miskonsepsi tinggi sebesar 20%. Berdasarkan hasil penelitian dan analisis data yang dilakukan, maka dapat disimpulkan bahwa tingginya persentase miskonsepsi siswa menunjukkan materi klasifikasi makhluk hidup cukup sulit untuk dipahami oleh siswa SMP Negeri 3 Bangkalan.

Kata kunci : *Five Tier Diagnostic Test*, Klasifikasi Makhluk Hidup, Miskonsepsi

Dila Amalia. 2023. *Analysis of Middle School Students' Misconceptions Using the Five Tier Diagnostic Test on Material Classification of Living Things*. Thesis. Science Education Study Program, Faculty of Education, Trunojoyo University, Madura. Advisor Aida Fikriyah.

ABSTRACT

This study aims to describe the percentage of junior high school students' misconceptions using a five-tier diagnostic test on living things classification material. This type of research is descriptive quantitative with a population of class VII students at SMP Negeri 3 Bangkalan for the 2022/2023 academic year. The samples used in this research were class VII-A and VII-D based on purposive sampling technique. Data collection was carried out by giving five tier diagnostic test questions. The results showed that: 1) Students experienced M (Misconception) 37,73%, SC (Scientific Conception) 17,27%, ASC (Almost Scientific Conception) 2,73%, LK (Lack of Knowledge) 26,64%, NU (No Understanding Conception) 15,18%, dan UnC (Un-Code) 0,45%, 2) Percentage of classification level of misconceptions based on calculations using the standard deviation and the mean students are in the category of low misconceptions by 27,27%, medium misconceptions by 52,73%, and high misconceptions by 20%. Based on the results of the research and data analysis conducted, it can be concluded that the high percentage of student misconceptions indicates that the material for classification of living things is quite difficult for students of SMP Negeri 3 Bangkalan to understand.

Keywords: *Classification of Lifying Things, Five Tier Diagnostic Test, Misconceptions*