

ABSTRACT

WIDYA PUSPITA SARI. Analysis of Student Misconceptions on Story Problems In Speed Materials Using the Certainty Of Response Index (CRI) in Class V SDN 101886 Kiri Hilir T.A. 2021/2022. Thesis. Medan: Faculty of Education, State University of Medan, September 2022.

This study aims to: (1) find out the description of students' misconceptions about story questions in speed material with the certainty of response index (CRI) in class V SDN 101886 Kiri Hilir and (2) find out the types of misconceptions experienced by students on story questions in the material speed with the method of certainty of response index (CRI) in class V SDN 101886 Kiri Hilir. The type of this research is descriptive research with a qualitative approach. The subjects in this study were class V students, totaling 42 students. The research instrument used is an essay test which is equipped with the certainty response index (CRI) to identify misconceptions experienced by students. The results showed that as many as 42% of students understand the concept, as much as 5% of students do not understand the concept, and as many as 53% of students have misconceptions. Based on the results of the analysis carried out from this study, it was obtained that there were 4 types of misconceptions experienced by fifth grade students of SDN 101886 Kiri Hilir which included systematic misconceptions, basic misconceptions, calculation misconceptions, and language interpretation misconceptions. The percentage results show that there are 25% of students experiencing systematic misconceptions, 12% of students experiencing basic misconceptions, 29% of students experiencing calculation misconceptions, and 34% students experiencing language interpretation misconceptions.

Keywords : Misconception, Certainty Of Response Index (CRI), Speed.



ABSTRAK

WIDYA PUSPITA SARI. Analisis Miskonsepsi Siswa Pada Soal Cerita Dalam Materi Kecepatan Dengan Metode *Certainty Of Response Index (CRI)* Di Kelas V SDN 101886 Kiri Hilir T.A. 2021/2022. Skripsi. Medan: Fakultas Ilmu Pendidikan Universitas Negeri Medan, September 2022.

Penelitian ini bertujuan untuk: (1) mengetahui gambaran miskonsepsi siswa pada soal cerita dalam materi kecepatan dengan metode *certainty of response index (CRI)* di kelas V SDN 101886 Kiri Hilir dan (2) mengetahui jenis miskonsepsi yang dialami oleh siswa pada soal cerita dalam materi kecepatan dengan metode *certainty of response index (CRI)* di kelas V SDN 101886 Kiri Hilir. Adapun jenis penelitian ini adalah penelitian deskriptif dengan pendekatan kualitatif. Subyek dalam penelitian ini adalah siswa kelas V yang berjumlah 42 siswa. Instrumen penelitian yang digunakan adalah tes esai yang dilengkapi dengan menggunakan metode *certainty response index (CRI)* untuk mengidentifikasi miskonsepsi yang dialami oleh siswa. Hasil penelitian menunjukkan bahwa sebanyak 42% siswa paham konsep, sebanyak 5% siswa tidak paham konsep, dan sebanyak 53% siswa mengalami miskonsepsi. Berdasarkan hasil analisis yang dilakukan dari penelitian ini diperoleh yaitu terdapat 4 jenis miskonsepsi yang dialami oleh siswa kelas V SDN 101886 Kiri Hilir yang meliputi miskonsepsi sistematika, miskonsepsi dasar, miskonsepsi perhitungan, dan miskonsepsi interpretasi bahasa. Hasil persentase menunjukkan bahwa terdapat 25% siswa mengalami miskonsepsi sistematika, 12% siswa mengalami miskonsepsi dasar, 29% siswa mengalami miskonsepsi perhitungan, dan 34% siswa mengalami miskonsepsi interpretasi bahasa.

Kata Kunci : Miskonsepsi, *Certainty Of Response Index (CRI)*, Kecepatan.

