

ABSTRAK

Maysarah Gusfa. (NIM 4191131002) (2023).Pengembangan Instrumen Evaluasi Untuk Mengukur Keterampilan Berpikir Tingkat Tinggi pada Materi Laju Reaksi

Penelitian ini bertujuan untuk menghasilkan instrumen evaluasi dan mengetahui keterampilan kemampuan berpikir tingkat tinggi (HOTS) siswa pada materi laju reaksi untuk siswa di kelas XI SMA. Instrumen evaluasi yang dikembangkan berupa 30 soal yang mengukur ranah kognitif menganalisis (C4), mengevaluasi (C5) dan mengkreasi (C6) dinyatakan instrumen tes berbasis HOTS. Hasil analisis data menunjukkan bahwa instrumen evaluasi yang telah dikembangkan dinyatakan layak digunakan dengan kriteria telah memenuhi syarat validitas isi yang didapatkan dari penilaian 6 ahli dengan nilai 93% .Hasil analisis yaitu 83% kategori valid. Koefisien reabilitas 1,02 dikategorikan reliabel. Pada daya beda 20% soal terkategori jelek, 40% soal cukup, 40%soal baik. Tingkat Kesukaran pada penelitian ini adalah mudah 12%, sedang 69% dan sukar 20%. Penelitian ni soal direvisi sebanyak 24% dan diterima 76%.

Kata Kunci: HOTS, instrumen evaluasi, laju reaksi

ABSTRACT

Maysarah Gusfa. (NIM 411131002) (2023). Development Of An Evaluation Instrumen To Measure High Level Thingking Skills In ReactionRate Material

The purposes of this research were to produce evaluation instrumen and to indentify students' high order thinking skills on reaction rate (chemical) in class XI-B IPA SMA Negeri 2 Percut Sei Tuan T.A 2022/2023. This research uses model development type 4-D. Based on the results of the research, the reaction rate evaluation instrumen used developed in multiple choice tes with 30 questions with each question measuring the cognitive domains of analyzing (C4), evaluating (C5), and creating (C6) declared that the HOTS-based tes validity requirements obtained from 6 expert assesment with score 93%. Analysis on valid students is 83%, reliability 1.02 is categorized as reliable which is included in the high category, it is known that 20% of the questions are categorized as bad, 40% are enough questions, 40% are good questions. The level of difficulty in this study was 12% easy, 69% moderate and 20% difficult. In the constructor of this study, the matter was revised by 24% and was accepted by 76%.

Keywords: HOTS, evaluation instrumen, reaction rate