

ABSTRAK

Sri Agus Adi Syahputra, NIM 4173351021 (2022). Analisis Butir Soal Pada Ujian Akhir Semester Ganjil Mata Pelajaran IPA Kelas VII SMP Negeri 37 Medan T. P 2021/2022.

Penelitian ini bertujuan untuk mengetahui kualitas soal berdasarkan persebaran aspek kognitif taksonomi bloom revisi anderson, dan analisis secara kualitatif dan kuantitatif. Hasil penelitian menunjukkan (1) Persebaran aspek kognitif taksonomi bloom revisi anderson untuk C1 (45%), C2 (20%), C3 (35%), dan C4 – C6 (0%). (2) Analisis kualitatif berdasarkan aspek materi didapatkan hasil yaitu 100% sangat baik. Aspek konstruksi didapatkan hasil yaitu 84,3% baik. Aspek bahasa didapatkan hasil 99,7% sangat baik. (3) Analisis kuantitatif didapatkan hasil validitas kategori sangat tinggi 0%, tinggi 15%, cukup 20%, rendah 35%, sangat rendah 25%, dan tidak valid 5%. Reliabilitas soal pilihan ganda 0,54 tergolong sedang. Tingkat kesukaran pada soal pilihan ganda kategori mudah 40%, sedang 45%, dan sukar 15%. Untuk daya pembeda pada pilihan ganda kategori jelek 25%, cukup 35%, baik 25%, dan sangat baik 15%. Efektifitas pengecoh yang berfungsi sangat baik 20%, baik 30%, cukup baik 25%, kurang baik 15%, dan tidak baik 10%.

Kata kunci: Analisis Butir Soal, Ujian Akhir Semester, IPA



ABSTRACT

Sri Agus Adi Syahputra, NIM 4173351021 (2022). Analysis of Items in the Final Exam for Odd Semester Science Subjects for Class VII SMP Negeri 37 Medan T.P 2021/2022.

This study aims to determine the quality of the questions based on the distribution of cognitive aspects of Anderson's revised Bloom's taxonomy, and qualitative and quantitative analysis. The results showed (1) the distribution of cognitive aspects of Anderson's revised Bloom taxonomy for C1 (45%), C2 (20%), C3 (35%), and C4 – C6 (0%). (2) Qualitative analysis based on the material aspect, the results were 100% very good. Aspects of construction obtained results that is 84.3% good. The language aspect got 99.7% very good results. (3) Quantitative analysis showed that the validity of the category was very high 0%, high 15%, moderate 20%, low 35%, very low 25%, and not valid 5%. The reliability of the multiple choice questions 0.54 is moderate. The level of difficulty in multiple choice questions in the easy category is 40%, moderate is 45%, and difficult is 15%. For the differentiating power in the multiple choice category, 25% is poor, 35% is sufficient, 25% is good, and 15% is very good. The effectiveness of distractors that function is very good 20%, good 30%, good enough 25%, not good 15%, and not good 10%.

Keywords: Item Analysis, Final Semester Exam, Science

