

ABSTRAK

Ade Lestari Pohan, NIM 4182141027 (2025). Analisis Butir Soal-Soal Latihan pada Buku Pegangan Biologi Siswa SMA dari Beberapa Penerbit untuk Materi Ekosistem.

Analisis butir soal pada buku teks merupakan langkah penting dalam menjamin kualitas pembelajaran dan evaluasi pendidikan. Penelitian ini bertujuan untuk menganalisis tingkat kesesuaian butir soal dengan Indikator Ketercapaian Tujuan Pembelajaran (IKTP), penyebaran soal berdasarkan aspek kognitif Taksonomi Bloom Revisi, serta tingkat kelayakan soal berdasarkan aspek materi, konstruksi, dan bahasa pada buku pegangan Biologi SMA Kurikulum Merdeka materi ekosistem. Penelitian deskriptif kualitatif ini dilaksanakan pada Februari-Juli 2023 di Kota Medan dengan menganalisis empat buku teks Biologi dari penerbit berbeda menggunakan teknik *purposive sampling* dan instrumen lembar observasi dokumen. Hasil penelitian menunjukkan: (1) tingkat kesesuaian butir soal dengan IKTP bervariasi dari 67,39% hingga 100%, dengan dua buku mencapai kesesuaian sempurna; (2) distribusi aspek kognitif menunjukkan hanya satu buku yang mendekati proporsi ideal (LOTS 28,26%, MOTS 41,30%, HOTS 30,44%); dan (3) tiga buku mencapai kriteria "Sangat Layak" (85,71%-89,29%), sementara satu buku (Erlangga) berkategori "Layak" (80,36%) berdasarkan aspek materi, konstruksi, dan bahasa. Temuan ini menggarisbawahi urgensi penyempurnaan kualitas soal pada buku teks, terutama dalam hal keseimbangan aspek kognitif dan konstruksi soal, untuk mendukung implementasi Kurikulum Merdeka secara efektif..

Kata Kunci : Analisis butir soal, buku teks biologi, indikator ketercapaian tujuan pembelajaran, Kurikulum Merdeka, Taksonomi Bloom Revisi

ABSTRACT

ADE LESTARI POHAN, NIM 4182141027 (2025). Analysis of Exercise Items in High School Biology Student Handbooks from Several Publishers for Ecosystem Materials.

The analysis of test items in textbooks is a crucial step in ensuring the quality of learning and educational evaluation. This study aimed to analyze the level of conformity between test items and Learning Objective Achievement Indicators (LOAI), the distribution of questions based on Revised Bloom's Taxonomy cognitive aspects, and the feasibility level of questions based on material, construction, and language aspects in the Biology textbooks for the Merdeka Curriculum ecosystem material. This qualitative descriptive research was conducted from February to July 2023 in Medan City by analyzing four Biology textbooks from different publishers using purposive sampling technique and document observation sheet instruments. The research findings show: (1) the conformity level of test items with Learning Objectives Achievement Indicators varies from 67.39% to 100%, with two books achieving perfect conformity; (2) the distribution of cognitive aspects shows only one book approaching ideal proportions (LOTS 28.26%, MOTS 41.30%, HOTS 30.44%); and (3) three books achieved "Very Appropriate" criteria (85.71%-89.29%), while one book (Erlangga) was categorized as "Appropriate" (80.36%) based on material, construction, and language aspects. These findings underscore the urgency of improving the quality of test items in textbooks, particularly in terms of cognitive aspects balance and question construction, to effectively support the implementation of the Merdeka Curriculum.

Keywords : Test item analysis, biology textbooks, learning objective achievement indicators, Merdeka Curriculum, Revised Bloom's Taxonomy

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