ABSTRAK

Jufri Alam Sibarani, NIM 5163122007, Analisis Butir Soal Dalam Buku Lembar Kerja Siswa Materi Pemeliharaan Mesin Kendaraan Ringan Semester Ganjil Kelas XII SMK Berdasarkan Perspektif Dimensi Proses Berpikir Oleh Anderson Dan Krathwohl. Skripsi. Fakultas Teknik. Universitas Negeri Medan. 2021.

Penelitian ini bertujuan untuk untuk menganalisis apakah butir soal yang terdapat pada buku LKS (Lembar Kerja Siswa) terbitan Sinar Mandiri telah memenuhi perspektif *Higher Order Thinking Skill (HOTS)* dan untuk menganalisis bagaimana hasil pendistribusian butir soal Materi pemeliharaan mesin kendaraan ringan pada buku LKS (Lembar Kerja Siswa) terbitan Sinar Mandiri berdasarkan perspektif *Low Order Thinking Skill (LOTS), Middle Order Thinking Skill (MOTS)* dan *Higher Order Thinking Skill (HOTS).* Data dianalisis menggunakan teori level kognitif yang disempurnakan oleh Anderson dan Krathwol yang sebelumnya teori ini dikemukakan oleh Benjamin S. Bloom pada teorinya level kognitif Taksonomi Bloom pada tahun 1956, dalam teori ini terdapat 6 kerangka berpikir yaitu C1 (mengingat), C2 (memahami), C3 (mengaplikasikan), C4 (menganalisis), C5 (mengevaluasi), C6 (mengkreasi).

Metode penelitian yang digunakan adalah metode penelitian deskriptif. Hasil penelitian ini menunjukkan bahwa pada butir soal materi pemeliharaan mesin kendaraaan ringan dengan jumlah soal sebanyak 60 soal dengan tipe soal *Low Order Thinking Skill* (LOTS) sebanyak 58,3%, untuk tipe *Middle Order Thinking Skill* (MOTS) sebanyak 35%, dan untuk tipe *Higher Order Thinking Skill* (HOTS) sebanyak 6,6%. Kemudian data yang diperoleh pada butir soal materi pemeliharaan mesin kendaraan ringan terbitan Putra Nugraha dengan jumlah soal 75 soal dengan tipe soal *Low Order Thinking Skill* (LOTS) sebanyak 13,3%, untuk tipe *Middle Order Thinking Skill* (MOTS) sebanyak 53,3%, dan untuk tipe *Higher Order Thinking Skill* (HOTS) sebanyak 33,3%. Dan data yang diperoleh pada butir soal materi pemeliharaan kelistrikan kendaraan ringan terbitan Putra nugraha dengan jumlah soal 45 soal dengan tipe *Low Order Thinking Skill* (LOTS) sebanyak 28,8%, untuk *Middle Order Thinking Skill* (MOTS) sebanyak 48,6%, untuk tipe *Higher Order Thinking Skill* (HOTS) sebanyak 24,4%.

Kata kunci: Analisis, Lembar Kerja Siswa, Dimensi Proses Berpikir, Pemeliharaan Mesin Kendaraan Ringan

ABSTRACT

Jufri Alam Sibarani, NIM 5163122007, Analysis of Question Items in Student Worksheets on Light Vehicle Engine Maintenance Material for Class XII SMK Based on the Dimensional Perspective of Thinking Process by Anderson and Krathwohl. Essay. Faculty of Engineering. Medan Estate University. 2021.

This study aims to analyze whether the items contained in the LKS (Student Worksheet) book published by Sinar Mandiri have met the Higher Order Thinking Skill (HOTS) perspective and to analyze how the results of the distribution of items on the maintenance material for light vehicle engines in the LKS book (Sheet Student Work) published by Sinar Mandiri based on the perspective of Low Order Thinking Skill (LOTS), Middle Order Thinking Skill (MOTS) and Higher Order Thinking Skill (HOTS). The data were analyzed using the cognitive level theory refined by Anderson and Krathwol, which was previously proposed by Benjamin S. Bloom. In his theory, the cognitive level of Bloom's Taxonomy in 1956, in this theory there are 6 thinking frameworks, namely C1 (remembering), C2 (understanding), C3 (apply), C4 (analyze), C5 (evaluate), C6 (create).

The research method used is descriptive research method. The results of this study indicate that the items for the maintenance of light vehicle machines with a total of 60 questions with a Low Order Thinking Skill (LOTS) type of question are 58.3%, 35% for the Middle Order Thinking Skill (MOTS) type, and for type Higher Order Thinking Skill (HOTS) as much as 6.6%. Then the data obtained in the item items on the maintenance of light vehicle engines published by Putra Nugraha with a total of 75 questions with a Low Order Thinking Skill (LOTS) type of question as much as 13.3%, for the Middle Order Thinking Skill (MOTS) type as much as 53.3% , and for the Higher Order Thinking Skill (HOTS) type as much as 33.3%. And the data obtained in the items on the electrical maintenance material for light vehicles published by Putra Nugraha with a total of 45 questions with the type of Low Order Thinking Skill (LOTS) as much as 28.8%, for Middle Order Thinking Skill (MOTS) as much as 48.6%, for 24.4% Higher Order Thinking Skill (HOTS) type.

Keywords: Analysis, Student Worksheet, Thinking Process Dimensions, Maintenance of Light Vehicle Engines