ABSTRAK

Yuliana L K Silitonga, NIM 4163321031 (2016). Analisis Soal Tipe *Higher Order Thinking Skill* (HOTS) Pada Ujian Sekolah Berstandar Nasional (USBN) Fisika SMA Tahun Pelajaran 2018/2019

Penelitian ini bertujuan untuk mengetahui hasil analisis kata kerja yang digunakan pada ranah kognitif soal, mengetahui karakteristik soal tipe HOTS ditinjau dari stimulus, mengetahui kesesuaian kisi-kisi soal, mengetahui komposisisoal dan mengetahui persentase soal tipe HOTS pada setiap butir soal Ujian Sekolah Berstandar Nasional Fisika SMA Tahun Pelajaran 2018/2019. Jenis penelitian ini adalah penelitian deskriptif pendekatan kualitatif dengan studi dokumentasi. Objek dalam penelitian ini adalah naskah soal Ujian Sekolah Berstandar Nasional Fisika SMA Tahun Pelajaran 2018/2019. Hasil penelitian menunjukkan bahwa ditinjau dari tingkat ranah kognitif Taksonomi Bloom revisi yaitu aspek mengingat (C1) sebanyak 8%, memahami (C2) sebanyak 13%, menerapkan (C3) sebanyak 58%, menganalisis (C4) sebanyak 20%, mengevaluasi (C5) sebanyak 3%, dan mencipta (C6) tidak ditemukan. Karakteristik soal tipe HOTS yang terdapat pada soal USBN Fisika SMA tahun pelajaran 2018/2019 yaitu stimulus dengan persentase gambar sebesar 40% grafik sebesar 8% , dan diagram sebesar 5%, sedangkan karakteristik kemampuan berpikir kritis dan kreatif belum ditemui dalam soal. Kesesuaian isi soal USBN Fisika tahun pelajaran 2018/2019 sudah sesuai dengan kisi-kisi USBN. Komposisi soal USBN Fisika dilihat dari tingkat kognitif berdasarkan Taksonomi Bloom revisi, lebih dominan soal yang temasuk kategori menerapkan (C3) dan tidak ada soal yang termasuk kategori mencipta (C6). Persentase Soal USBN Fisika SMA tahun pelajaran 2018/2019 yaitu 23% (10 butir soal) masuk dalam kategori tipe *High Thinking Order Skill* (HOTS) dan 79% (30 butir soal) masuk kategori *Lower Order Thinking Skill* (LOTS), dengan uraian aspek kognitif Menerapkan (C3) sebanyak 58% (23 butir soal), aspek Menganalisis (C4) sebesar 27,5% (11 butir soal) dan Mengevaluasi (C5) sebesar 27,5 (11 butir soal).

Kata kunci: *Higher Order Thinkings* (HOTS), USBN, stimulus, komposisi soal

ABSTRACT

Yuliana L K Silitonga, NIM 4163321031 (2016). Analysis of Higher Order Thinking Skill (HOTS) Problems in National Standard School (USBN) Physics Exams in 2018/2019

This study aims to determine the results of the analysis of the verb used in the cognitive domain of the question, to know the characteristics of HOTS type questions in terms of the stimulus, to know the suitability of the question lattice, to know the composition of the questions and to know the percentage of HOTS type questions on each item of the SMA Physics National Standard School Examination. Academic Year 2018/2019. This type of research is a qualitative descriptive approach with documentation study. The object of this research is the text for the National Standard School Physics Examination for SMA 2018/2019 Academic Year. The results showed that in terms of the cognitive level of the revised Bloom Taxonomy, remembering (C1) was 8%, understanding (C2) was 13%, applying (C3) was 58%, analyzing (C4) was 20%, evaluating (C5) as much as 3%, and create (C6) is not found. The characteristics of HOTS type questions found in the SMA Physics USBN questions for the 2018/2019 academic year, namely the stimulus with an image percentage of 40%, a graphic of 8%, and a diagram of 5%, while the characteristics of the ability to think critically and creatively have not been found in the questions. The suitability of the contents of the Physics USBN questions for the 2018/2019 academic year is in accordance with the USBN grid. The composition of the USBN Physics questions was seen from the cognitive level based on the revised Bloom's Taxonomy, the more dominant the questions included in the applying category (C3) and no questions that were included in the creating category (C6). The percentage of SMA Physics USBN Questions for the 2018/2019 academic year, namely 23% (10 items) is in the High Thinking Order Skill (HOTS) type category and 79% (30 items) is in the Lower Order Thinking Skill (LOTS) category, with a description of the aspects Cognitive Applying (C3) as much as 58% (23 items), the Analyzing aspect (C4) is 27.5% (11 items) and Evaluating (C5) is 27.5 (11 items).

Keywords: Higher Order Thinkings (HOTS), USBN, stimulus, question content compost