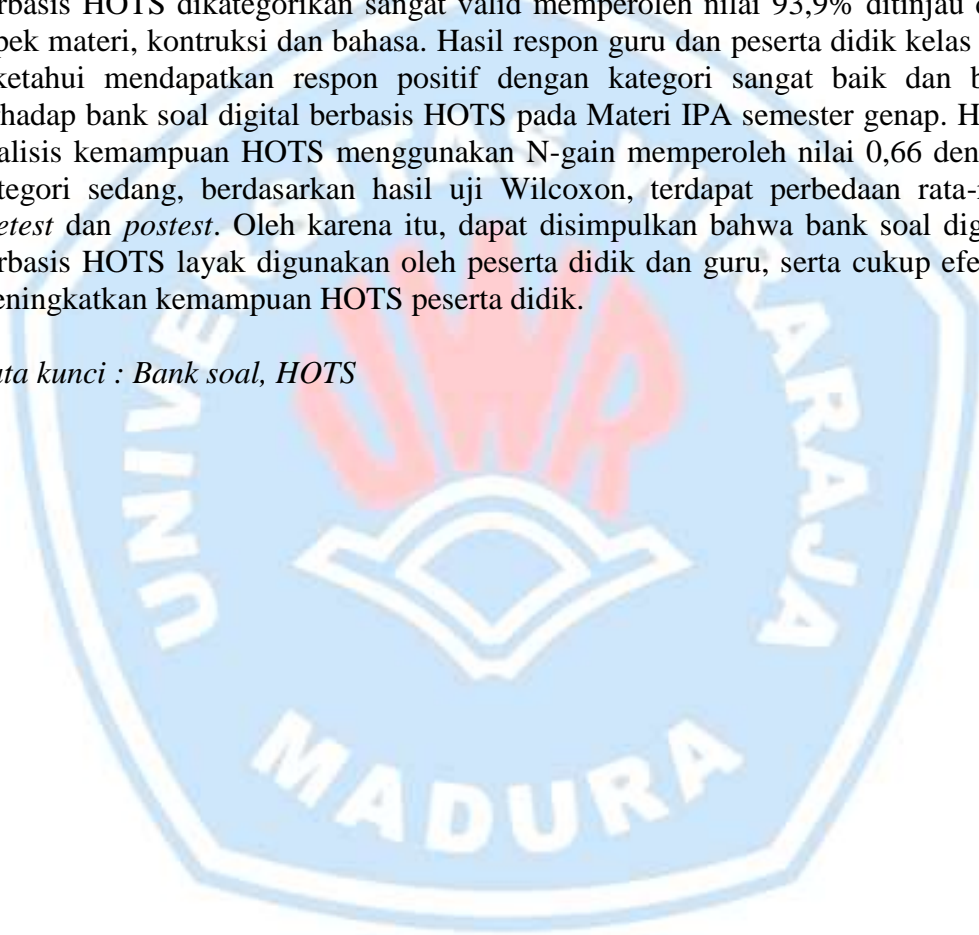


ABSTRAK

Oleh: Tina Rosanti

Permasalahan penelitian yaitu, guru IPA SMPN 2 Kalianget belum menerapkan bank soal digital berbasis HOTS dalam kegiatan evaluasi pembelajaran sehingga kemampuan HOTS peserta didik rendah. Tujuan penelitian yaitu, mengetahui validitas bank soal digital berbasis HOTS, mengetahui respon guru dan peserta didik terhadap bank soal digital berbasis HOTS dan mengetahui analisis kemampuan peserta didik setelah menggunakan bank soal digital berbasis HOTS. Penelitian ini menggunakan model 4-D. Teknik analisis data penelitian persentase skala likert, N-gain dan uji Wilcoxon. Hasil validitas produk bank soal digital berbasis HOTS dikategorikan sangat valid memperoleh nilai 93,9% ditinjau dari aspek materi, kontruksi dan bahasa. Hasil respon guru dan peserta didik kelas VII diketahui mendapatkan respon positif dengan kategori sangat baik dan baik terhadap bank soal digital berbasis HOTS pada Materi IPA semester genap. Hasil analisis kemampuan HOTS menggunakan N-gain memperoleh nilai 0,66 dengan kategori sedang, berdasarkan hasil uji Wilcoxon, terdapat perbedaan rata-rata *pretest* dan *posttest*. Oleh karena itu, dapat disimpulkan bahwa bank soal digital berbasis HOTS layak digunakan oleh peserta didik dan guru, serta cukup efektif meningkatkan kemampuan HOTS peserta didik.

Kata kunci : Bank soal, HOTS



ABSTRACT

By: Tina Rosanti

The research problem is that the science teachers of SMPN 2 Kalianget have not implemented yet implemented a HOTS-based digital question bank in learning evaluation activities so that the HOTS ability of students is low. The research objectives are to determine the validity of the HOTS-based digital question bank, to determine the responses of teachers and students to the HOTS-based digital question bank, to determine the analysis of students' abilities after using the HOTS-based digital question bank. Research data analysis techniques in the form, Likert scale percentage, N-gain, and Wilcoxon test. The validity of the HOTS-based digital question bank product is very valid with a value of 93,9% in terms of material, construction and language aspects. The results of the teacher's and seventh grade students' responses are known to get a very good and good positive response to the HOTS-based digital question bank in the even semester science material. The N-gain result is 0.66 medium category, based on the wilcoxon these there is a difference in the average pretest and posttest. Therefore, it can be concluded that the HOTS-based digital question bank is suitable for use by students and teachers, and is quite effective in improving students' HOTS abilities.

Keywords: Question bank, HOTS

