

## ABSTRAK

**Julianti, Ni Luh** (2021), *Pengembangan Instrumen Penilaian Berbasis Higher Order Thinking Skills (HOTS) pada Pembelajaran IPA Tema Selamatkan MakhluK Hidup Kelas VI SD*. Tesis. Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha.

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*Kata kunci: Instrumen Penilaian, HOTS, IPA*

Penelitian ini bertujuan untuk mengembangkan instrumen penilaian mata pelajaran IPA Berbasis HOTS (Kemampuan Berpikir Tingkat Tinggi) pada Tema “Selamatkan MakhluK Hidup” kelas VI SD. Penelitian dan pengembangan ini menggunakan model ADDIE yang terdiri dari 5 langkah, yaitu *analyze* (analisis), *design* (rancangan), *development* (pengembangan), *implementation* (implementasi) and *evaluation* (evaluasi). Subjek penelitian ini sebanyak 45 orang yang terdiri dari 2 akademisi (dosen), 3 praktisi (guru kelas VI) dan 40 siswa kelas VI. Ada dua instrumen yang digunakan, lembar penilaian kualitas produk dan kuesioner kepraktisan. Para akademisi memvalidasi instrumen yang digunakan dan menilai produk. Sedangkan kuesioner digunakan oleh guru untuk menilai kepraktisan produk. Data yang diperoleh selanjutnya dianalisis secara deskriptif dengan mencari nilai rata-rata dan pengujian reliabilitas instrumen menggunakan Alpha Cronbach. Selanjutnya, nilai rata-rata dikonfirmasi ke dalam tabel klasifikasi penilaian acuan patokan skala 5 dan koefisien alpha dikonfirmasi ke klasifikasi Guilford. Hasil analisis menunjukkan a) pengembangan melalui 6 langkah yaitu : menganalisis kebutuhan (kompetensi dasar dan tema), membuat kisi-kisi, membuat butir soal, membuat rubrik penilaian, melakukan uji ahli dan menguji produk secara terbatas, b) karakteristik produk yang dikembangkan terlihat pada komponen, bentuk tes, tingkatan kognitif, tampilan soal dan materi dalam soal, c) produk yang dikembangkan terkategori sangat valid dengan skor 4,89, d) produk yang dikembangkan memiliki tingkat reliabilitas tinggi dengan nilai koefisien alpha 0,811, dan e) produk yang dikembangkan memiliki tingkat kepraktisan sangat tinggi dengan skor 4,92. Dengan demikian, produk yang berupa instrumen penilaian IPA berbasis HOTS layak digunakan.

## ABSTRACT

**Julianti, Ni Luh** (2021), Developing Assessment Instruments based on *Higher Order Thinking Skills (HOTS) on Natural Science Lesson theme Save Living Creatures in Sixth Grade of Elementary School*. Thesis. Elementary Education, Post Graduate Program, Ganesha University of Education.

This Thesis has been corrected and approved by the Supervisor I: Prof. Dr. I Wayan Lasmawan, M.Pd. and Supervisor II: Prof. Dr. Putu Budi Adnyana, M.Si.

*Keywords: assessment instrument, HOTS, natural science*

This research aims at developing assessment tools based on Higher Order Thinking Skills (HOTS) on theme “save living things” for fifth grade of elementary school. This research and development used ADDIE model consisting of five stages, namely : analyze, design, development, implementation, and evaluation. Subject of this research was 45 people consisting of 2 lecturers, 3 teachers of sixth grade and 40 students of sixth grade. There were two instruments used, assessment sheet for measuring quality of product and practical questionnaire. The lecturers validated the used instrument to assess product and to measure product quality. The students were used for field test. Meanwhile, the questionnaire was used to assess the product practicality. The obtained data were then analyzed with descriptive method by calculating the mean and Cronbach Alpha formula for reliability which were then being confirmed the mean into classification tabel of criterion referenced test with 5 classification and Guilford reliability classification. The analysis shows that a) development covers 6 steps, namely : doing need analysis (basic competency and theme), building up blueprint, making items, making skoring rubric, doing experts test, and doing limited field test, b) product characteristics can be seen from component, test type, cognitive level, item design and material in test, c) the developed product is categorized into very valid with value of 4,89, d) the developed product has high reliability with coeficient of 0,811 and e) the developed product has very high practicality with value of 4,92. It means that the developed product in the form of assessment instrumen based on higher order thinking skill in natural science lesson is valid to used in the field