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ABSTRAK

Penelitian ini bertujuan untuk mengetahui validitas, reliabilitas, tingkat kesukaran, daya beda, efektivitas pengecoh dari ulangan harian IPA dan kualitas ulangan harian IPA berdasarkan hasil analisis dari keseluruhan aspek menggunakan *software* anates. Jenis penelitian ini yaitu kuantitatif dengan menggunakan metode deskriptif. Penelitian dilaksanakan di UPTD SMPN 1 Bangkalan dengan sampel penelitian sebanyak 145 peserta didik dari kelas IX-F sampai IX- J Tahun Ajaran 2019/2020 . Penelitian ini menggunakan desain *ex post facto*. Pengumpulan data menggunakan teknik observasi, dokumentasi dan tes. Data dianalisis menggunakan *software* anates. Berdasarkan hasil penelitian dapat disimpulkan bahwaulangan harian memiliki validitas yang rendah, reliabilitas yang belum reliabel, tingkat kesukaran yang cukup baik, daya beda serta efektivitas pengecoh yang kurang baik dan keseluruhan aspek menunjukkan kualitas soal yang tidak baik.

Kata kunci: anates, kualitas soal, ulangan harian IPA

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ABSTRACT

This research aimed to find out the validity, reliability, difficulty level, discrimination power, and the effectiveness of distractors of the formative test of Natural Sciences and its quality based on the results of the analysis of all aspects using Anates software. The type of this study was quantitative with descriptive methods. This research was conducted at UPTD State Junior High School 1 of Bangkalan with a sample of 145 students of the class IX-F to IX-J of 2019/2020 academic year. This study used an ex post facto design. Data were collected by observation, documentation, and test techniques. Data were analyzed by Anates software. Based on the results of the study, it can be concluded that daily tests have low validity, unreliable reliability, quite good difficulty level, poor discrimination power and distractors effectiveness and analysis of all aspects showed that the quality of the test was not good.

Keywords: anates, quality of the test, formative test of natural science