

**ANALISIS BUTIR SOAL PILIHAN GANDA PADA UJIAN AKHIR
SEMESTER GENAP MATA PELAJARAN BIOLOGI
KELAS XI IPA SMA NEGERI 1 NAMO RAMBE
TAHUN PEMBELAJARAN 2018/2019**

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ABSTRAK

Penelitian ini bertujuan untuk menganalisis soal ujian akhir semester genap kelas XI IPA T.P 2018/2019 berdasarkan analisis kualitatif (meliputi validitas isi dan konstruksi), taksonomi bloom, serta analisis kuantitatif (meliputi tingkat kesukaran, daya pembeda, reliabilitas, validitas, dan efektivitas pengecoh). Jenis penelitian ini adalah penelitian deskriptif. Subyek penelitian adalah seluruh siswa kelas XI IPA yang berjumlah 93 orang. Objek penelitian adalah soal Ujian Akhir Semester (UAS), kunci jawaban, dan jawaban peserta tes. Data diperoleh dengan metode dokumentasi dan kemudian dianalisis dengan menggunakan Microsoft Excel dan program Anates versi 4,0. Hasil penelitian menunjukkan: (1) analisis kualitatif, diperoleh 37% soal termasuk kategori sangat baik, 43% baik, 13% cukup, 7% kurang baik dan validitas konstruksi diperoleh 100% soal termasuk kategori sangat baik, (2) taksonomi bloom, belum memenuhi proporsi soal yang seimbang yakni dengan formulasi C1 13,3%, C2 36,7%, C3 20%, C4 23,3%, C5 6,7%, C6 0%, (3) analisis kuantitatif, berdasarkan tingkat kesukaran untuk kategori mudah 43%, sedang 40% dan sukar 17%. Berdasarkan daya pembeda untuk kategori jelek 13,3%, cukup 50 %, baik 33,3%, dan tidak baik 3,4%. Berdasarkan reliabilitas, termasuk dalam kategori tinggi dengan nilai 0,67. Berdasarkan validitas, soal yang valid sebesar 87%, dan tidak valid 13%. Analisis efektivitas pengecoh, dengan kategori sangat baik sebesar 10%, baik 23%, cukup 27%, kurang baik 23%, dan tidak baik 17%.

Kata Kunci : Analisis, butir soal, Ujian Akhir Semester Genap

**ITEM ANALYSIS OF MULTIPLE CHOICE IN EVEN SEMESTER EXAM
ON BIOLOGY SUBJECTS CLASS XI SENIOR HIGH SCHOOL
1 NAMORAMBE ACADEMIC YEAR 2018/2019**

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ABSTRACT

This research aimed to analyze the Even Semester Exam Class XI Academic Year 2018/2019 based on qualitative analysis (covering contents and construction validity), bloom's taxonomy, and quantitative analysis (covering the level of difficulty, distinguishing features, reliability, validity and effectiveness of the detractors). This type of research is descriptive research. Subjects were all students of Class XI which numbered 93 person. The object of research is question of Final Examination, answer key, and answer the test participants. Data was obtained by documentation method and then analyzed using Microsoft Excel and Anates program version 4.0. The results showed: (1) qualitative analysis, 37% content validity including very good category, good 43%, enough 13%, unfavorable 23%, and construction validity of 100% including very good categories, (2) bloom's taxonomy, has not fulfilled the balanced proportions the formulation of C1 13.3%, C2 36.7%, C3 20%, C4 23.3%, C5 6.7%, C6 0%, (3) quantitative analysis, based on the level of difficulty for easy categories 43%, medium 40% and difficult 17%. Based on distinguishing for the bad category 13.3%, enough 50%, good 33.3%, and not good 3.4%. Based on the reliability, including in the high category with a value of 0.67. Based on the validity, valid questions are 87%, and invalid 13%. Effectiveness of the detractors, with very good category 10%, good 23%, enough 27%, unfavorable 23%, and not good 17%.

Keywords : *Analysis, item test, Even Semester Exam*