

**ANALISIS BUTIR SOAL ULANGAN AKHIR SEMESTER GASAL
MATA PELAJARAN DASAR LISTRIK DAN ELEKTRONIKA KELAS X
TITL DI SMK NEGERI 2 PURWOKERTO TAHUN PELAJARAN
2018/2019**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui kualitas setiap butir soal UAS Gasal Mata Pelajaran DLE Kelas X TITL SMK Negeri 2 Purwokerto tahun ajaran 2018/2019. Penelitian menggunakan metode penelitian deskriptif dengan pendekatan kualitatif dan kuantitatif. Pengumpulan data menggunakan metode dokumentasi. Sumber data berupa lembar soal, kunci jawaban, norma penilaian, kisi-kisi, respon jawaban siswa dan angket. Hasil penelitian secara kualitatif menggunakan angket dapat disimpulkan dari 35 butir soal sebanyak 8 butir soal (22,8%) tidak memenuhi kriteria dari aspek materi, konstruksi maupun bahasa. Hasil analisis kuantitatif diperoleh dengan menggunakan program *Anates*. Berdasarkan aspek validitas, tingkat kesukaran, daya pembeda dan efektivitas pengecoh secara keseluruhan sebanyak 2 butir soal (5,71%) kategori sangat baik, 10 butir soal (28,57%) kategori baik, 7 butir soal (20%) kategori cukup, 9 butir soal (25,71%) kategori tidak baik, dan 7 butir soal (20%) kategori sangat tidak baik.

Kata Kunci: analisis butir soal, mata pelajaran DLE, *Anates*

**ANALYSIS OF FINAL EXAM IN ODD SEMESTER ELECTRICAL
AND ELECTRONIC BASIC LESSON CLASS X SMK NEGERI 2
PURWOKERTO STUDY YEAR 2018/2019**

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Abstract

This study aims to ensure the quality of each item test questions at final exam in odd semester of electrical and electronic basic lesson class X in SMK Negeri 2 Purwokerto study year 2018/2019. This study used descriptive research methods with qualitative and quantitative approaches. Data were collected with documentation method. The data sources used are form of question sheets, answer keys, assesment norms, grids, responses of student answers and questionnaires. The result of qualitative analysis using questionnaire can be concluded that from 35 items test as many as 8 items (22,8%) were not occupy the criteria from both material, construction and language aspects. The quantitative analysis are obtained using the Anates program. Based on the aspects of validity, level of difficulty, differentiation and deception effectiveness, overall as many as 2 items (5,71%) included in very good category, 10 items (28,57%) in good category, 7 items (20%) in passable category, 9 items (25,71%) were not good, and 7 items (20%) were very bad.

Keywords: item analysis questions, electrical and electronic basic lesson, Anates