

**QUESTIONS ANALYSIS OF CHEMISTRY ODD SEMESTER
EXAMINATION OF CLASS X SMA NEGERI 1
PERBAUNGAN ACADEMIC YEAR 2017/2018**

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ABSTRACT

The aim of this study was to find out the quality of the questions of the odd semester test of the chemistry lesson of class X IPA SMA Negeri 1 Perbaungan Academic Year of 2017/2018 from the qualitative analysis (material, construction and language aspects), cognitive level distribution analysis, and quantitative analysis (validity, reliability, distinguish power, difficulty index and effectiveness of distractor) using ANATES V4. This research used quantitative research type by method descriptive. The collecting data was conducted by taking documentation (Questions of Chemistry odd semester examination, lattice of questions, Student's answer sheet). The validity of the content on the material aspects categorizing was very high, on the aspects construction categorized was low and the aspects of categorized language was very high. The results were based Distribution of cognitive domain level was not accordance to Proportion of Cognitive domain level. Based on the validity aspect was 55% valid and 45% invalid. The reliability coefficient was 0.76. The difficulty index aspect was not good because not accordance to the proportion of difficulty index. Distinguish power aspect was good. The Distractor effectiveness aspect was effective. Implementation of the test was good, because of the classroom factor was quiet / conducive and regular seating position.

Key Words: Questions Analysis, Qualitative Analysis, Quantitative Analysis