

**ANALISIS BUTIR SOAL PILIHAN GANDA ULANGAN AKHIR
SEMESTER GENAP MATA PELAJARAN BIOLOGI KELAS
XI SMA SWASTA METHODIST PANCUR BATU
TAHUN PEMBELAJARAN 2016/2017,
2017/2018 DAN 2018/2019**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui: 1) Distribusi butir soal UAS Genap Mata Pelajaran Biologi Kelas XI SMA Swasta Methodist Pancur Batu Tahun Pembelajaran 2016/2017, 2017/2018, dan 2018/2019 ditinjau dari Aspek ranah kognitif Taksonomi Bloom, 2) Aspek Kualitatif (Materi, Konstruksi, dan bahasa), 3) Aspek Kuantitatif (Validitas, Reabilitas, Tingkat Kesukaran, Daya Beda dan Efektifitas Pengecoh). Hasil penelitian menunjukkan: 1) Persebaran ranah kognitif UAS Genap 2016/2017, 2017/2018, 2018/2019 belum memenuhi syarat tes yang baik karena soal yang paling dominan adalah soal yang mudah (C1 dan C2), 2) Analisis kualitatif dari aspek materi UAS Genap 2016/2017, 2017/2018 dan 2018/2019 sangat baik. Dari aspek konstruksi UAS Genap 2016/2017, 2017/2018 dan 2018/2019 kategori soal sangat baik. Dari aspek bahasa pada UAS Genap 2016/2017, 2017/2018, dan 2018/2019 soal termasuk sangat baik. 3) Analisis kuantitatifnya pada UAS Genap 2016/2017 dan 2017/2018 memiliki validitas tidak baik, sedangkan UAS Genap 2018/2019 validitasnya baik. Dari reabilitas UAS Genap 2016/2017 kategori agak rendah, UAS Genap 2017/2018 kategori cukup, dan UAS Genap 2018/2019 kategori tinggi. Pada tingkat kesukaran UAS Genap 2016/2017, 2017/2018 dan 2018/2019 termasuk kategori baik. Pada daya beda UAS Genap 2016/2017 dan 2017/2018 kategori baik, UAS Genap 2018/2019 kategori sangat baik. Pada efektifitas pengecoh UAS Genap 2016/2017 kategori kurang baik, UAS genap 2017/2018 kategori cukup baik, UAS genap 2018/2019 kategori baik.

Kata kunci : *Ujian Akhir Semester, Ranah Kognitif, Aspek Kualitatif, Analisis Kuantitatif.*

**ITEM ANALYSIS OF BIOLOGY MULTIPLE CHOICE TEST IN THE
FINAL SEMESTER EVEN OF CLASS XI SMA PRIVATE
METHODIST PANCUR BATU YEAR LEARNING
2016/2017, 2017/2018 AND 2018/2019**

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ABSTRACT

This study aims to find out: 1) Distribution of items for UAS Even Biology Subjects in Class XI Pancur Batu Methodist Private High School 2016/2017, 2017/2018, and 2018/2019 in terms of cognitive aspects of Bloom Taxonomy, 2) Qualitative Aspects (Material, Construction, and language), 3) Quantitative Aspects (Validity, Reliability, Difficulty Level, Differentiation Power and Effectiveness of Deceivers). The results showed: 1) The distribution of cognitive domains even 2016/2017 UAS, 2017/2018, 2018/2019 did not meet good test requirements because the most dominant questions were easy questions (C1 and C2), 2) Qualitative analysis of material aspects Even 2016/2017, 2017/2018 and 2018/2019 UAS is very good. From the construction aspects of Even 2016/2017 UAS, 2017/2018 and 2018/2019 the question categories are very good. From the language aspect of the 2016/2017, 2017/2018 and 2018/2019 UAS Even questions are very good. 3) Quantitative analysis on Even 2016/2017 and 2017/2018 UAS has bad validity, while 2018/2019 Even UAS has good validity. From the 2016/2017 Even UAS reliability the category is rather low, the 2017/2018 Even UAS category is sufficient, and the 2018/2019 Even UAS category is high. At the level of difficulty for even 2016/2017, 2017/2018 and 2018/2019 UAS including the good category. On the difference of even 2016/2017 and 2017/2018 UAS even good categories, 2018/2019 even UAS categories are very good. On the effectiveness of the 2016/2017 even UAS spoofers are not good category, the 2017/2018 even UAS categories are quite good, the 2018/2019 UAS even good categories.

Keywords: *Final Semester Examination, Cognitive Domain, Qualitative Aspects, Quantitative Analysis.*