

KONSEPSI SISWA KELAS XI SMA NEGERI 2 SINGARAJA PADA MATERI HIDROKARBON

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ABSTRAK

Penelitian ini bertujuan untuk mendeskripsikan dan menjelaskan tentang profil konsepsi siswa sesudah pembelajaran pada materi hidrokarbon. Penelitian ini dilakukan di SMA Negeri 2 Singaraja pada tahun ajaran 2023/2024 semester genap. Jenis penelitian yang dilakukan adalah penelitian metode deskriptif kuantitatif. Sampel penelitian adalah siswa kelas XI A 1 di SMA Negeri 2 Singaraja sebanyak 40 orang. Instrumen penelitian ini adalah tes diagnostik three tier pilihan ganda berjumlah 25 soal. Hasil penelitian menunjukkan profil konsepsi siswa pada pokok bahasan hidrokarbon, meliputi 34,24% tergolong memahami konsep dan sisanya sebanyak 9,74% memahami konsep, tetapi kurang yakin; 10,54% tidak paham konsep, serta mengalami miskonsepsi 45,48%. Temuan tersebut menunjukkan sebagian besar (65,76%) konsepsi siswa pada pokok bahasan hidrokarbon tergolong konsepsi alternatif dan didominasi oleh miskonsepsi.

Kata kunci: konsepsi, miskonsepsi, hidrokarbon

CONCEPTIONS OF CLASS XI STUDENTS AT SMA NEGERI 2 SINGARAJA ON HYDROCARBON MATERIAL

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ABSTRACT

This study aims to describe and explain the profile of students' conceptions after learning on hydrocarbon materials. The research was conducted at SMA Negeri 2 Singaraja in the even semester of the 2023/2024 academic year. The type of research conducted was quantitative descriptive method research. The research sample was 40 students of class XI A 1 at SMA Negeri 2 Singaraja. The research instrument was a three tier multiple choice diagnostic test totaling 25 questions. The results showed the profile of students' conceptions on the subject of hydrocarbons, including 34.24% classified as understanding the concept and the remaining 9.74% understood the concept, but were less sure; 10.54% did not understand the concept, and 45.48% experienced misconceptions. The findings show that most (65.76%) of students' conceptions on the subject of hydrocarbons are classified as alternative conceptions and are dominated by misconceptions.

Keywords: conception, misconception, hydrocarbon