Worksheet: Hydrocarbons

Tamil Nadu State Board · Class 11 · Chemistry · 5 questions · 14 marks

Name: _____ Date: _____ Score: _____ / 14

Q1. Predict the product of CH3-CH=CH2 + H2O with an acid catalyst. *[3 marks]*

Q2. Identify A and B: CH3COONa + NaOH(soda lime) -> A; A + Cl2/UV -> B. *[3 marks]*

Q3. What is the peroxide effect? Give an example. *[2 marks]*

Q4. Why does benzene undergo electrophilic substitution rather than addition? *[3 marks]*

Q5. How would you distinguish ethane, ethene, and ethyne? *[3 marks]*