

MDCAT Chemistry Chapter 14 Chemistry of Hydrocarbons Online Test

Sr	Questions	Answers Choice
1	SN2-reactions can be usually observed in	A. Primary alkyl halide B. secondary alkyl halide C. Tertiary alkyl halide D. Both A. and B
2	Alkyl halides are considered to be very reactive compounds towards nucleophiles, because	A. They have an electrophilic carbon B. They have an electrophilic carbon and a bad leaving group C. They have an electrophilic carbon and a good leaving group D. They have a nucleophilic carbon and a good leaving group
3	The rate of E1 reaction depends upon	A. The concentration of substrate B. The concentration of substrate as well as nucleophile C. The concentration Nucleophilic D. Nature of Catalyst
4	For which mechanisms, the first step involved is the same	A. E1 and E2 B. E2 and SN2 C. E2 and E1 D. E1 and SN1
5	The average bond energy of C-Br is	A. 228 kJmol ⁻¹ B. 250 kJmol ⁻¹ C. 200 kJmol ⁻¹ D. 290 kJmol ⁻¹
6	The carbon atom of an alkyl group attached with halogen atom is called	A. Electrophile B. Free radical C. Nucleophile D. Nucleophilic centre