

CHEMISTRY

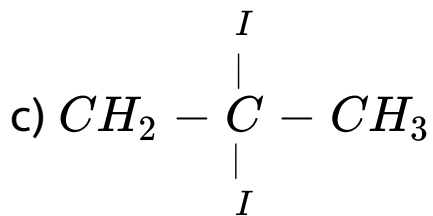
NCERT - NCERT CHEMISTRY (GUJRATI)

ORGANIC HALOGEN COMPOUNDS

Example

1. Write the common names of the following halides

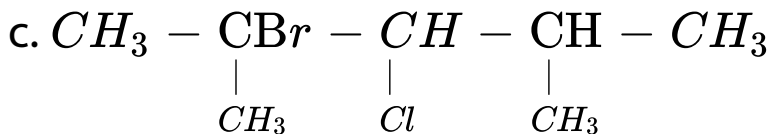
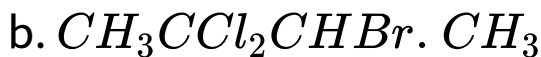




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2. Write the IUPAC names of the following halides

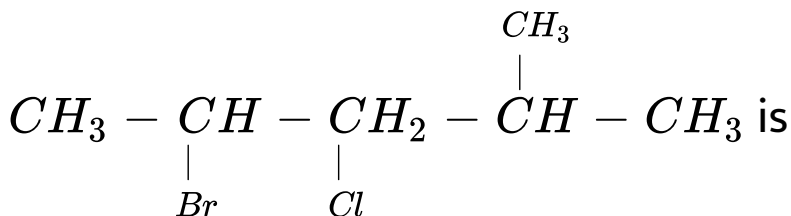




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Questions A Choose The Correct Answer

1. The IUPAC name of



A. 2-Bromo-3-chloro-4-methylpentane

B. 2-Methyl-3-chloro-4-bromopentane

C. 2-Bromo-3-chloro-3-isopropyl propane

D. 2,4-Dimethyl-4-Bromo-3-chloro butane.

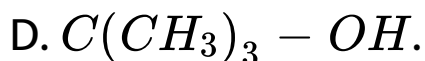
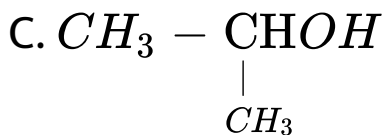
Answer:



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2. For reacting with HCl, the alcohol which does not require $ZnCl_2$ is

A. CH_3CH_2OH



Answer:



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3. For converting alcohols into alkyl halides,
the best reagent is



B. PCl_5

C. $SOCl_2$

D. None of the above

Answer:



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4. The olefin, which is not important for Markovni Koff's addition of HCl, is

A. Propene

B. But-1-ene

C. 2-Methyl-propene

D. Ethylene

Answer:



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5. The S_N1 reaction of alkyl halides is not affected by the nature of the

A. alkyl group

B. the halogen

C. mediumd

D. nucleophile

Answer:



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Questions B Fill In The Blanks

1. Markonikoff's rule is followed for the addition of HCl to.....



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2. In Swarts reaction metallic fluorides are added to.....



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3. Hoffman's rule is applicable to elimination



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4. Chloropicrin is prepared by adding nitric acid to.....



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