



CHEMISTRY

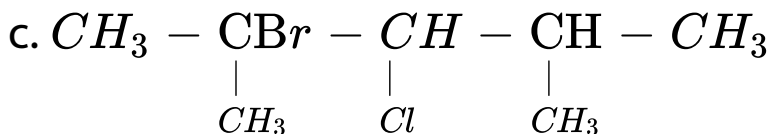
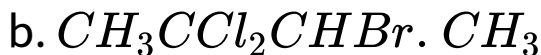
NCERT - FULL MARKS

CHEMISTRY(TAMIL)

ORGANIC HALOGEN COMPOUNDS

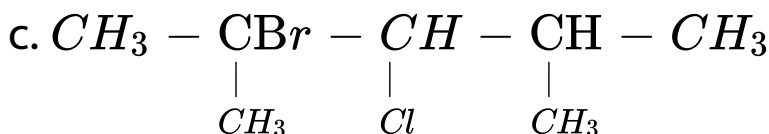
Example

1. Write the IUPAC names of the following halides



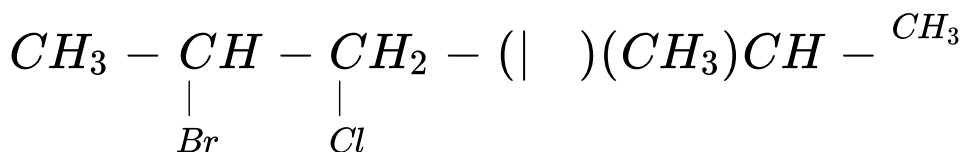
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2. Write the IUPAC names of the following halides



Questions A Choose The Correct Answer

1. The IUPAC name of



is

- A. 2-Bromo-3-chloro-4-methylpentane
- B. 2-Methyl-3-chloro-4-bromopentane
- C. 2-Bromo-3-chloro-3-isopropyl propane

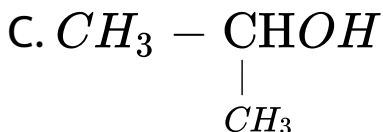
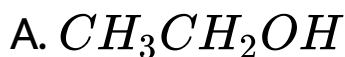
D. 2,4-Dimethyl-4-Bromo-3-chloro butane.

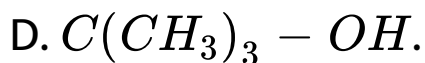
Answer:



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





Answer:



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



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. Propeneb.

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. medium

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.....

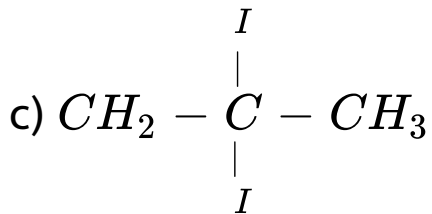


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Question

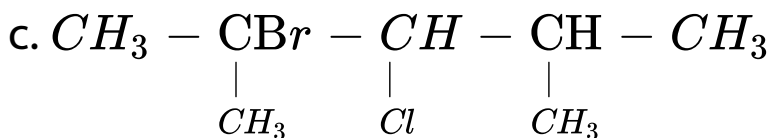
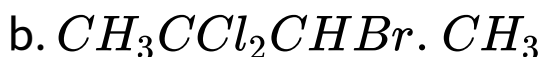
1. Write the common names of the following halides





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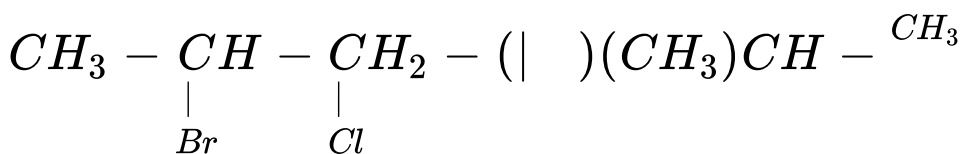
2. Write the IUPAC names of the following halides





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3. The IUPAC name of



is

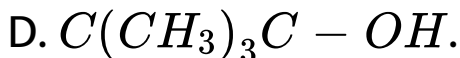
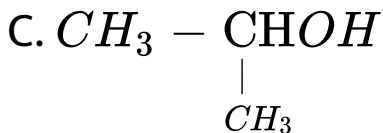
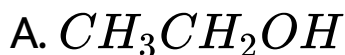
- A. 2-Bromo-3-chloro-4-methylpentane
- B. 2-Methyl-3-chloro-4-bromopentane
- C. 2-Bromo-3-chloro-3-isopropyl propane
- D. 2,4-Dimethyl-4-Bromo-3-chloro butane.

Answer:



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



Answer:



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



D. None of the above

Answer:



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

A. Propeneb.

B. But-1-ene

C. 2-Methyl-propene

D. Ethylene

Answer:



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

A. alkyl group

B. the halogen

C. medium

D. nucleophile

Answer:



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



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



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10. Hoffman's rule is applicable to elimination

.....



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



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12. What are Lewis acids?



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13. What is an electron?



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14. What is Finkelstein reaction?



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15. What is Finkelstein reaction?



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16. What is Swarts reaction?



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17. Discuss S_N2 mechanism



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18. Discuss S_N1 mechanism



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19. Which among the following statement are correct with regard to alkyl halides?



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20. Discuss the general methods of preparation of alkyl halides.



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21. What are aralkyl halides ? How are they prepared?



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22. What are Grignard reagents? Discuss its synthetic uses.



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23. Discuss the general methods of preparation of alkyl halides.



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