



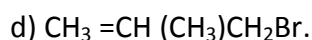
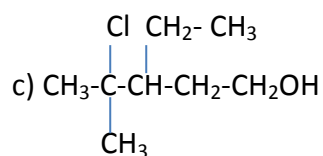
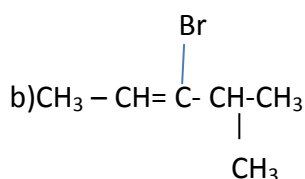
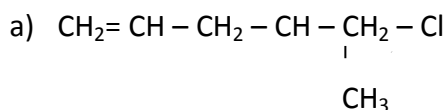
CHEMISTRY

CH: 10 HALOALKANES AND HALOARENES

Class: XII

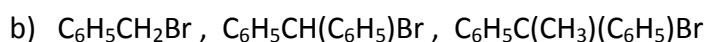
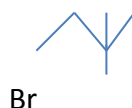
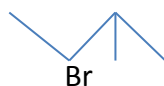
I Answer the following

1. Write the IUPAC names of the following.

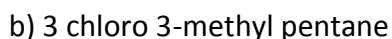


5. Which of the following compound react faster by $\text{S}_{\text{N}}2$ mechanism? Why?

a)



6. Identify and indicate the presence of chirality if any in the molecule.



7. Give reasons for the following.

8. Racemisation occurs in $\text{S}_{\text{N}}1$ reactions.

9. Haloarenes cannot be prepared from alcohols.

10. HNO_3 or HIO_4 is used for the preparation of iodobenzene.

11. Branched chain molecules have the lowest boiling point among isomeric haloalkanes

12. Aryl halides are extremely less reactive towards nucleophilic substitution reactions.

13. Benzylic and allylic halides prefer $\text{S}_{\text{N}}1$ mechanism.

14. Neopentyl bromide undergo nucleophilic substitution reactions very slowly.

15. Chloroform is stored in dark brown bottle.