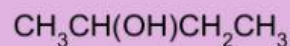
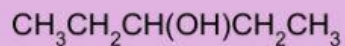


DEDUCING STRUCTURES OF ORGANIC COMPOUNDS (PART 1)

1) This compound is optically active

What is meant by this? _____

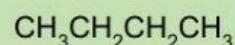
Choose the possible structures of this compound:



2) This hydrocarbon decolorizes purple color of dilute, basic KMnO_4 and form brown precipitate

What is meant by this? _____

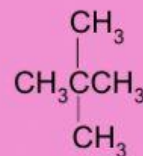
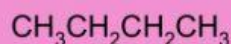
Choose the possible structures of this compound:



3) This hydrocarbon produces monosubstituted product when it undergo bromination in the presence of uv

What is meant by this? _____

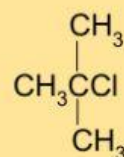
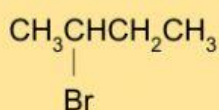
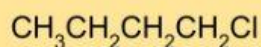
Choose the possible structures of this compound:



4) This haloalkane undergo $\text{S}_{\text{N}}1$ mechanism with NaOH

What is meant by this? _____

Choose the possible structures of this compound:



5) This haloalkane undergo $\text{S}_{\text{N}}2$ mechanism with NaOH

What is meant by this? _____

Choose the possible structures of this compound:

