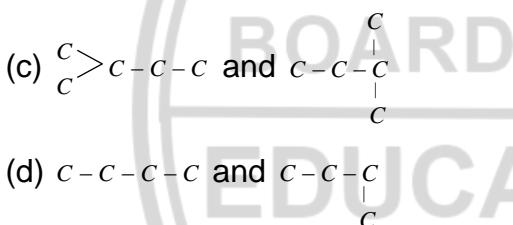
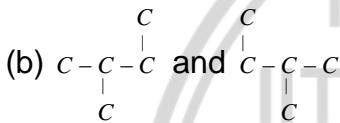


Structural and stereo isomerism

- Only two isomers of monochloro product is possible of
 - n*-butane
 - 2,4-dimethyl pentane
 - Benzene
 - 1-methyl propane

- Which is the example of branch isomerization



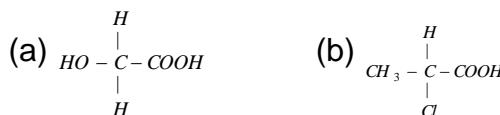
- The isomer of diethyl ether is



- Isomers have essentially identical

- Structural formula
- Chemical properties
- Molecular formula
- Physical properties

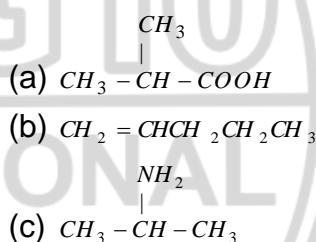
- Which one of the following shows optical activity



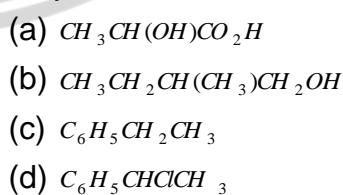
- In ethane and cyclohexane which one of the following pairs of conformations are more stable

- Eclipsed and chair conformations
- Staggered and chair conformations
- Staggered and boat conformations
- Eclipsed and boat conformations

- Which of the following may exist in enantiomorphs



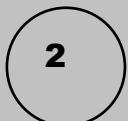
- Which of the following compounds may not exist as enantiomers



- Number of isomers of molecular formula $C_2H_2Br_2$ are

- 1
- 2





- (b) Geometrical isomers
 - (c) Position isomers
 - (d) Tautomers
20. Which of the following has chiral structure

- (a) $\begin{array}{c} CH_3 \\ | \\ CH_3 - CH - CH_2 COOH \end{array}$
- (b) $CH_3 - CH = CH - CH_3$
- (c) $\begin{array}{c} CH_3 \\ | \\ CH_3 - CH - CH_2 OH \end{array}$
- (d) $CH_3 - CHOH - CH_2 CH_3$

