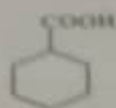




Cyclopentanecarboxylic acid



Benzoic acid



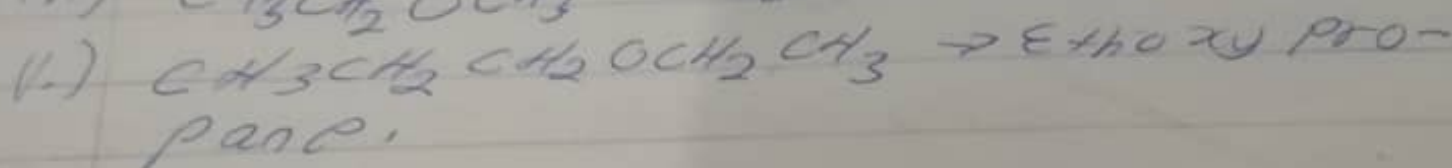
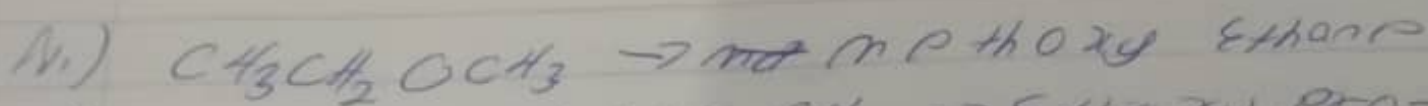
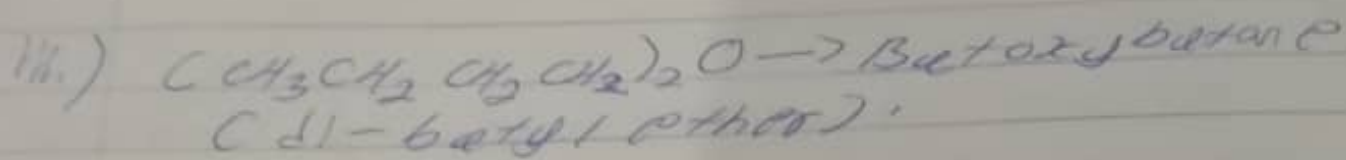
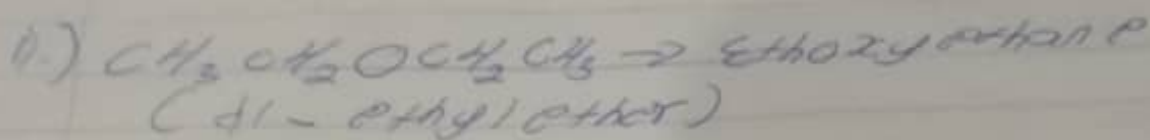
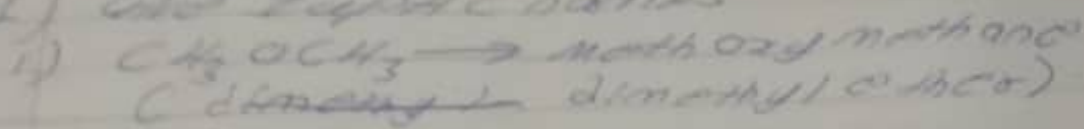
Cyclohexanecarboxylic acid



1-Cyclobutylacetic acid

NAME: Alvin Stephen Nwoso ABBS
MATRNO NO: 19177240104
Assignment Chemistry Assignment

1) Give IUPAC names

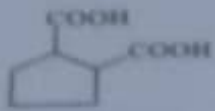


2) Discuss the properties of ethers

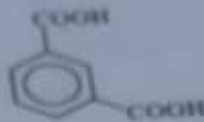
a) Physical properties

i) Density - most of the simple ethers are less dense than water, although density increases with increasing relative molecular mass.

ii) Physical state \rightarrow at room temperature, ethers are colourless, neutral liquids with pleasant odours.



Cyclopentan-1,2-dioic acid



Benzen-1,3-dioic acid



- iv) Ethylene oxide sterilization processes can sanitize medical and pharmaceutical products.
- ii) Ethylene glycol, derived from ethylene oxide, is used to manufacture from fiber glass.
- iii) It is used in the production of chemicals used for making cosmetics and shampoos.