

SRI TRIDANDI DEV GOVT. DEGREE COLLEGE.
SHAHUPUR

Chemistry SEM -3 MJC-III

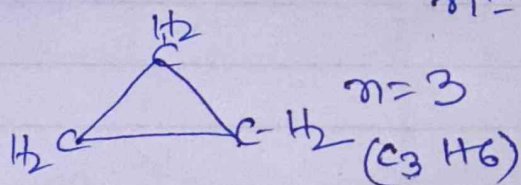
Cyclo Alkane

cycloalkanes are saturated cyclic hydrocarbons in which the carbon atoms form a ring or closed chain and all the carbon-carbon bonds are single bonds.

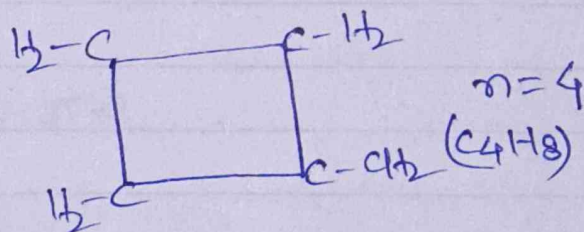
g.t.s General formula $C_n H_{2n}$

$n = \text{no. of carbon atoms}$

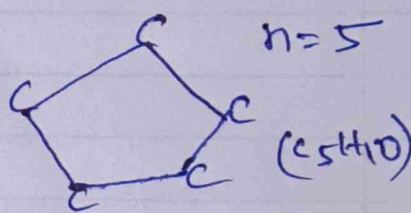
eg.



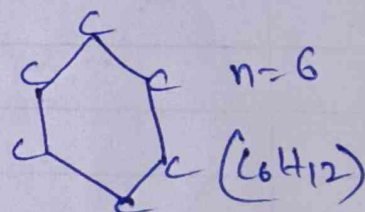
cyclo propane



cyclo butane

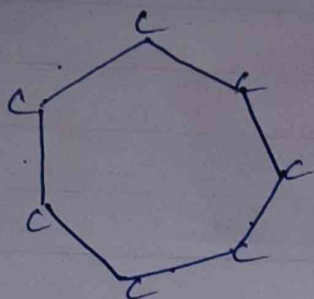


cyclo pentane

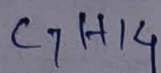


cyclo Hexane.

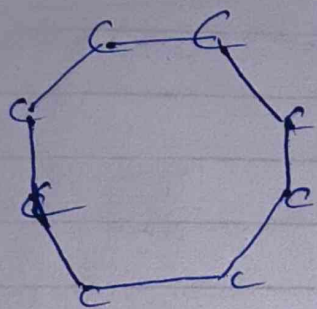
P-12)



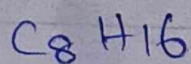
$$n = 7$$



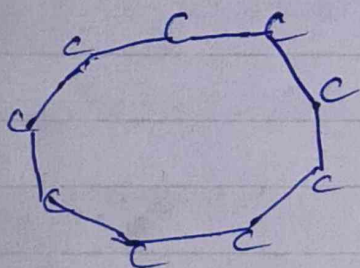
cycloheptane



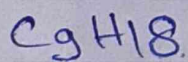
$$n = 8$$



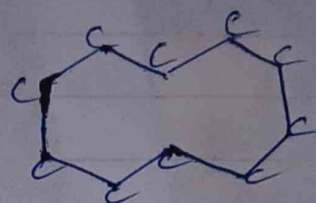
cyclooctane



$$n = 9$$



cyclononane



$$n = 10$$

cyclodecane