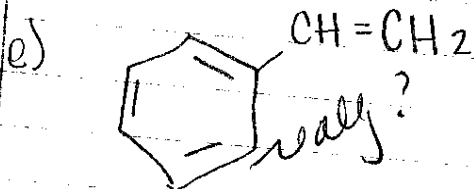
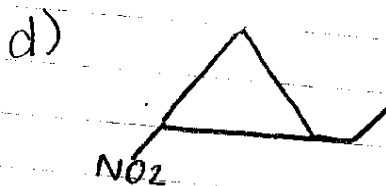
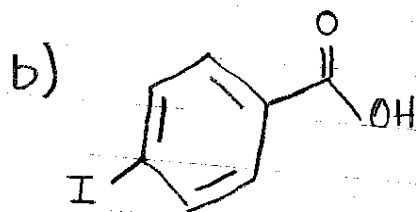
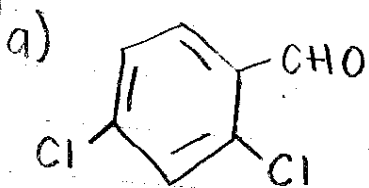


# Team Ramrod ans. 5

1. Name the following:



2. Draw the following:

a) Nitrobenzene

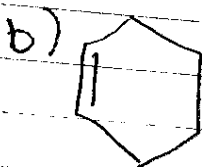
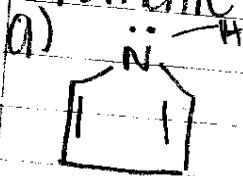
b) 3,3-Dimethylcyclopentene

c) meta-chlorophenol

d) 2,4,6-Tribromotoluene

e) ~~4-chloro-1,2,3-trimethylbenzene~~  
 1- 2,3,4-

3. Aromatic?

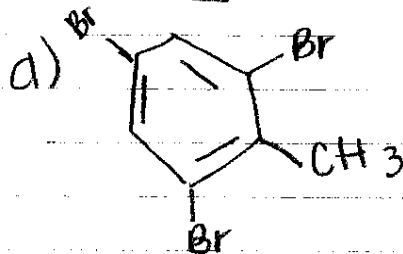
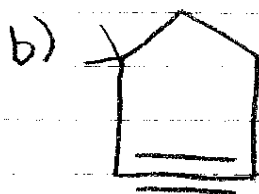
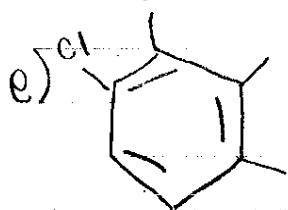
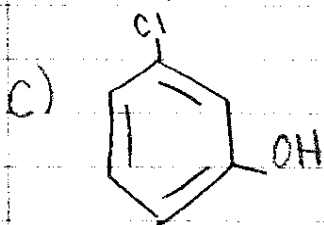
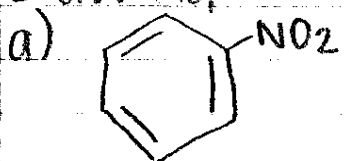


# ANSWERS:

Naming:

- a) 2,4-Dichlorobenzaldehyde
- b) p-lactobenzoic acid
- c) 3-chloro-5-sec-butylcyclopentene
- d) 1-Ethyl-2-nitrocyclopropane
- e) styrene really? -1

Drawing:



Aromatic?

a) yes  $\rightarrow 4n + 2 = 6 \rightarrow 4n = 4 \rightarrow n = 1$

b) no  $\rightarrow$  not conjugated  $\rightarrow 4n + 2 = 2$

c) no  $\rightarrow$  not an integer  $\rightarrow 4n + 2 = 4$