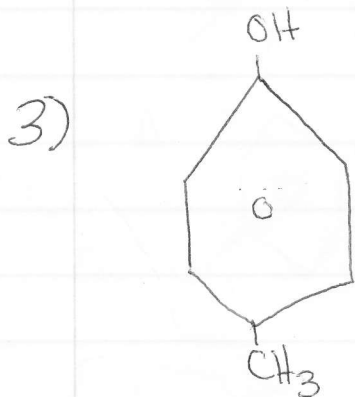
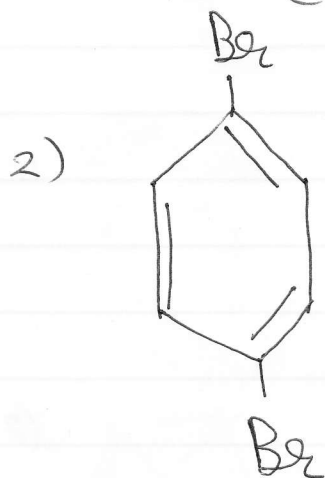
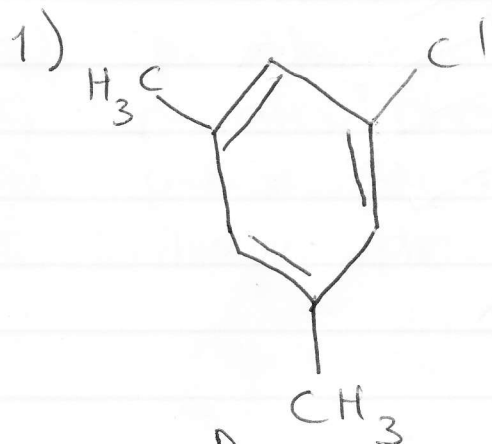
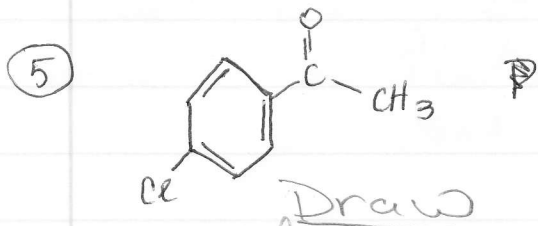
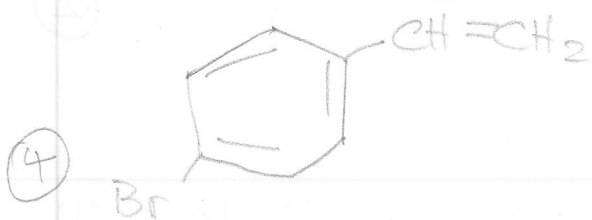


Name the following)





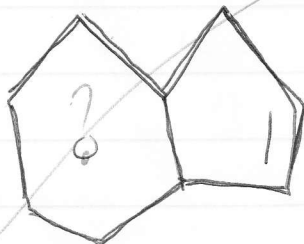
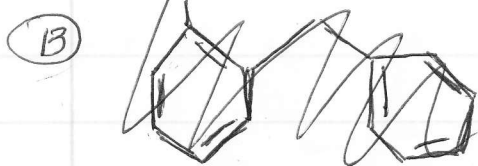
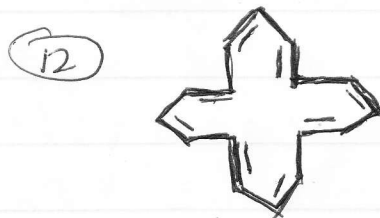
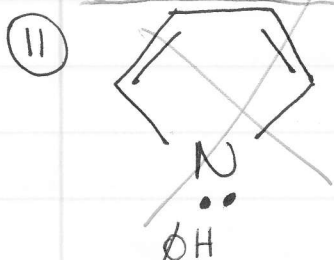
6) ~~2-chloro-4-nitrophenol~~
phenol

7) ~~4-(trifluoromethyl)aniline~~

8) methylcyclopropenone

9) 2-iodo-4-methylaniline

⑩ 1,3-diethyl-5-isopropylbenzene
aromatics



Answers for name

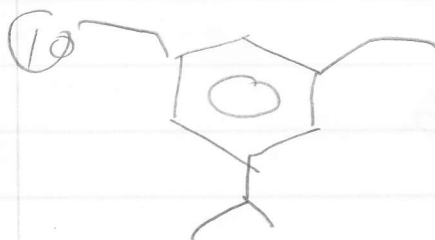
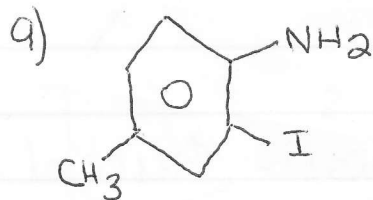
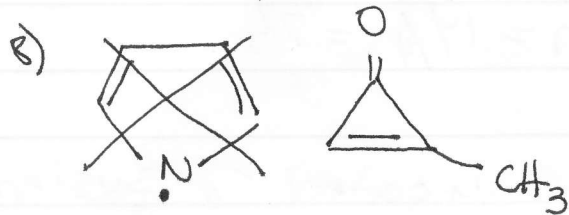
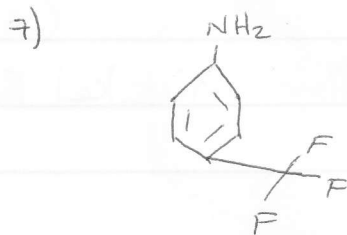
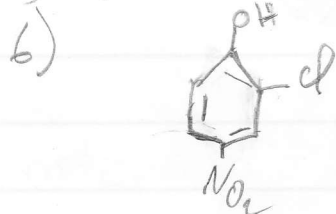
1) 1-chloro-3,5-dimethylbenzene.

2) p-~~di~~ bromo benzene

3) p-methyl phenol

4) p-Bromo Styrene

5) p-chloroacetophenone



(11) yes, there is conjugated π system
it is planar
it has one ring
satisfied hückel rule

$$2 + 4n = 6$$

$$4n = 4$$

$$n = 1$$

(12) No, there is conjugated π system
it is planar
it has one ring
it does not satisfied hückel rule

$$2 + 4n = 16$$

$$4n = 14$$

$$n = 14/4 = 7/2$$



(13) no-, there is conjugated π system
it is planar
it has two rings
it does not satisfied hückel rule

$$2 + 4n = 8$$

$$4n = 6$$

$$n = 3/2$$