

Draw the Following

a) o-fluorobenzaldehyde

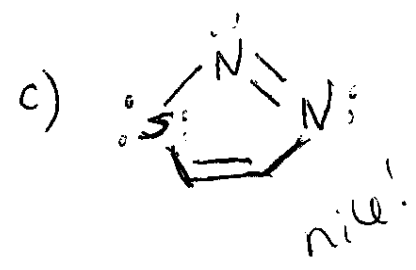
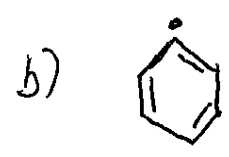
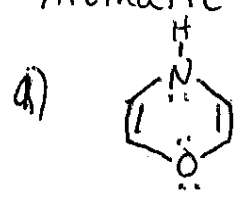
b) 2-benzyl-6-bromo-1-hexen-4-yne

c) 4-bromo-2,3-dimethylbenzoic acid

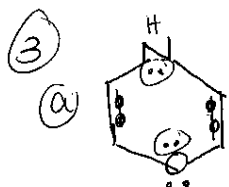
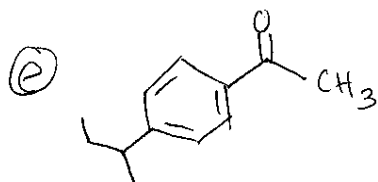
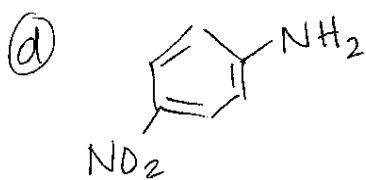
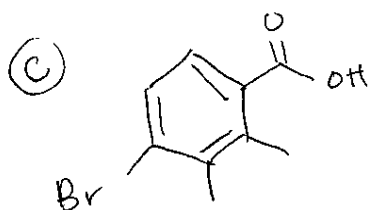
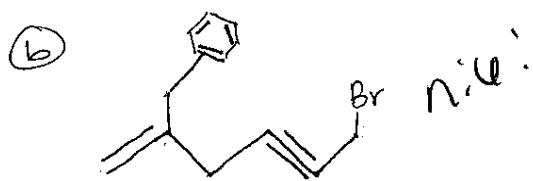
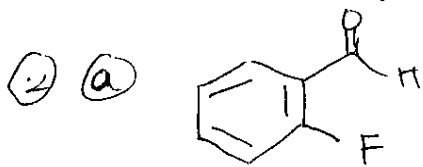
d) p-nitroaniline

e) p-sec-butylacetophenone

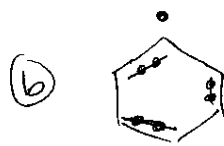
Aromatic? why or why not?



- ①
- (a) 2-Methyl-4-nitrostyrene
  - (b) 3-(4-Bromopentyl) toluene n.c.
  - (c) 1-Iodo-3-fluorobenzene
  - (d) 2-Bromo-3-chloroaniline
  - (e) p-Methyl benzoic acid



Antiaromatic  
 $4n + 2 = 8 \pi e^-$   
 $4n = 6$   
 $n = \frac{3}{2}$



Aromatic  
 $4n + 2 = 6 \pi e^-$   
 $4n = 4$   
 $n = 1$



Aromatic  
 $4n + 2 = 6 \pi e^-$   
 $4n = 4$   
 $n = 1$