AMINES

1.	Dra	Draw the structures corresponding to the following IUPAC names .		
	a.	Triethylamine.		
	b.	N-Methylaniline.		
	C.	p-Brompaniline.		
	d.	N-Ethyl-N-Methylcyclopentylamine.		
	e.	N,N-Dimethylaniline.		
	f.	N-Methylcyclohexylamine.		
	g.	Diphenylamine.		
	h.	4-Aminobutan-2-one.		

2.	Draw the structures of compounds that meet the following descriptions.			
	a.	A secondary amine with one tert-butyl group.		
	b.	A tertiary amine with one phenyl group and one methyl group.		
	C.	A quaternary ammonium chloride salt.		
3.	Wł	nich compound in the following pairs is more basic ?		
		CH ₃ CH ₂ NH ₂ and CH ₃ CH ₂ CONH ₂		
	b.	CH ₃ NHCH ₃ and CH ₃ NHC ₆ H ₅		
	C.	NaOH and C ₆ H ₅ NH ₂		
	d.	CH ₃ NH ₂ and C ₆ H ₅ NH ₂		
	e.	CH ₃ CH ₂ NH ₂ and (CH ₃ CH ₂) ₂ NH		

4. Complete the following reaction.

5. How could you synthesize p-methylaniline from benzene?

6. How could you synthesize 3-aminobenzoic acid?

7. Complete the following reactions.

A.



В.

C.

D.