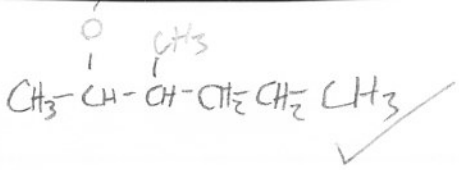
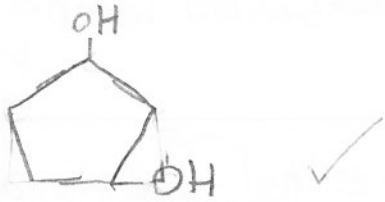
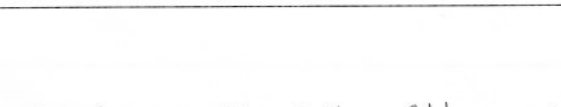
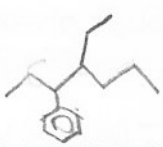
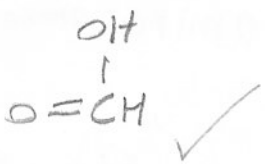
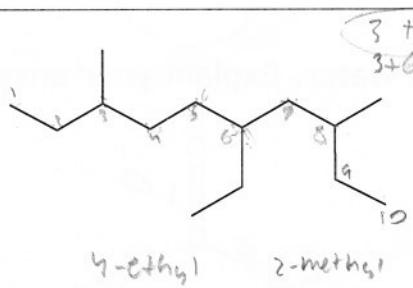
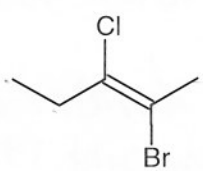
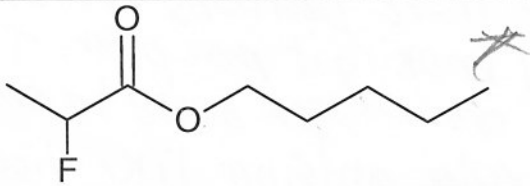
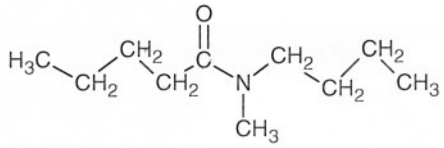
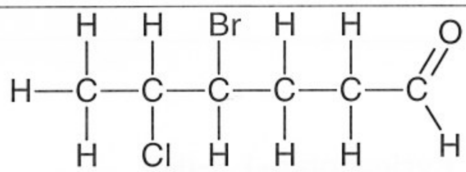
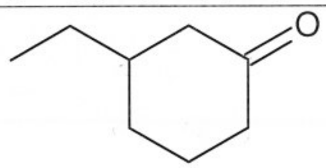
	2-ethoxy–3-methy
	Cyclopentan-1,3-diol
	N-methylpropanamine
	1-ethyl-3-methylbenzene
	4-ethyl-3-phenylheptane
	methanoic acid
	5-ethyl-3,8-dimethyl decane
	2-bromo-3-Chloro-pent-2-ene
	pentan-2-yl 2-fluoro propanoate

$H_3C-C\equiv C-C\equiv C-CH_3$	hex-2,4 diyne ✓
	• N-butyl-N-methylpentanamide ✓ (4)
	4-bromo-5-chloro hexanal ✓
	3-ethyl cyclohexanonone ✓

2. Draw two different ethers that contain 4 carbon atoms. (2 marks T)

$CH_3-O-CH_2-CH_2-CH_3$ ✓

1-methoxy propane

$CH_3-CH_2-O-CH_2-CH_3$ ✓

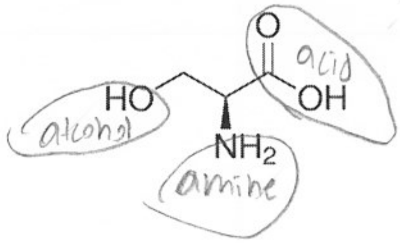
ethoxyethane

~~$O-CH_3$ / $CH_3-CH-CH_3$ / 2-methyl propoxy~~

(2)

3. Examine the molecules below. Circle and name all of the functional groups present. (3 marks K)

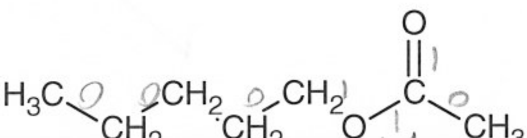
acid = carbonyl group
alcohol = hydroxyl group
amine = amino group



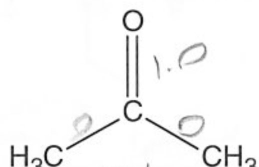
formyl-aldehydes, ketones

(3)

4. Predict which compound would be the least soluble in water. Explain your answer. (3 marks T)



most soluble



least soluble

I think the compound on the left has longer chains