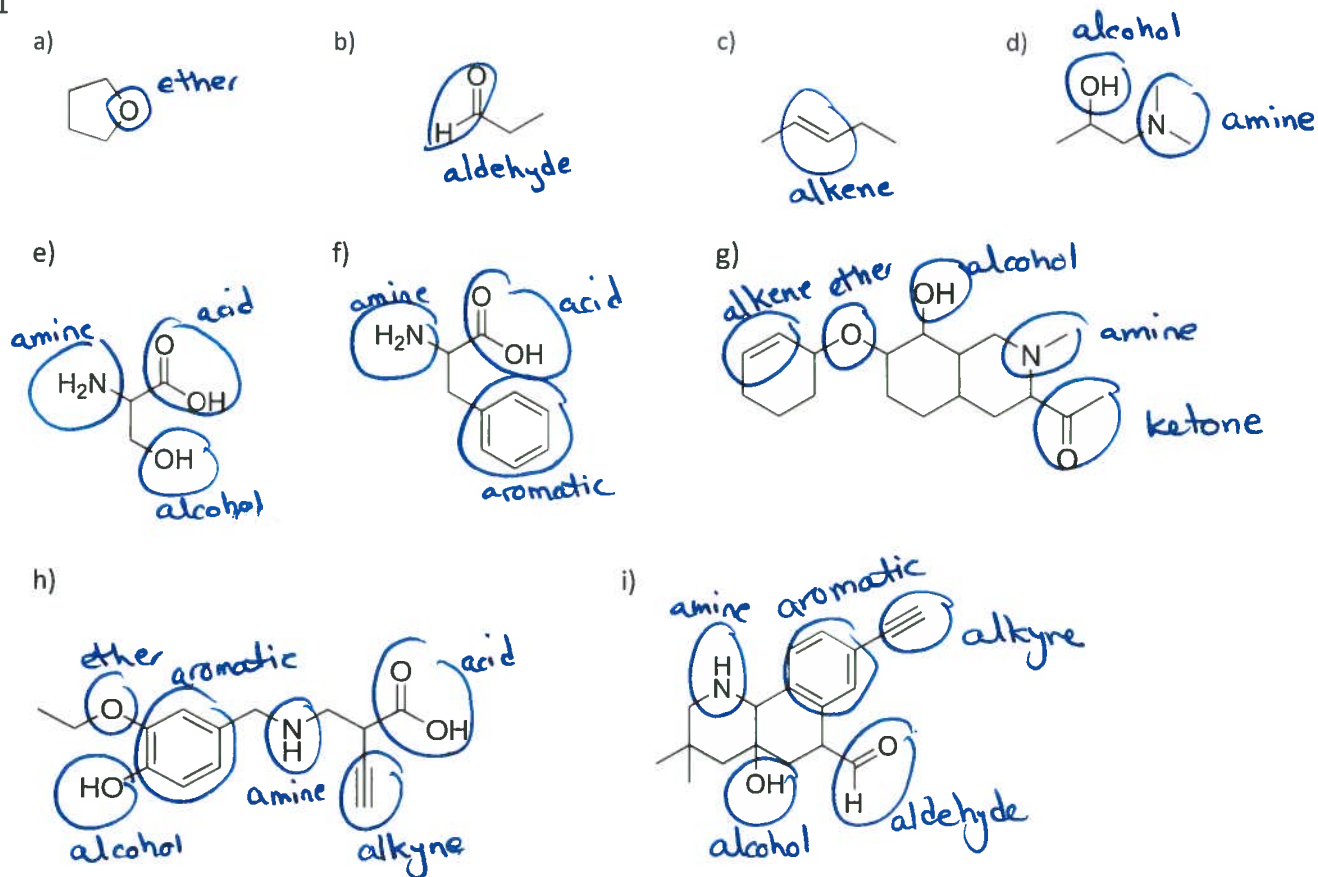
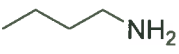




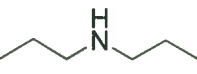

PRACTICE PROBLEMS UNIT 2 – KEY


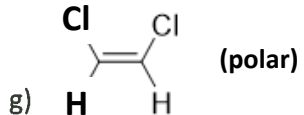
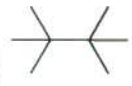
2A.1



2B.1 a) dispersion b) dispersion, dipole-dipole c) dispersion d) dispersion, dipole-dipole, hydrogen bonding
 e) dispersion, dipole-dipole f) dispersion, dipole-dipole, hydrogen bonding

2C.1 a) Br_2 b) CH_3OH c) $\text{CH}_3\text{CH}_2\text{CH}_3$ d) H_2O e)  f)  g) 

2C.2 a) CS_2 b) $\text{CH}_3\text{CH}_2\text{OH}$ c) CH_3OCH_3 d)  e) 

f)  g)  (polar) h) 

2D.1 a, d, e, f, h, j, k are water soluble

2D.2 ibuprofen < aspirin < gentisic acid

2D.3 a) water-soluble, b) ~~water~~ water-soluble, c) fat-soluble, d) fat-soluble e) water-soluble, f) water-soluble