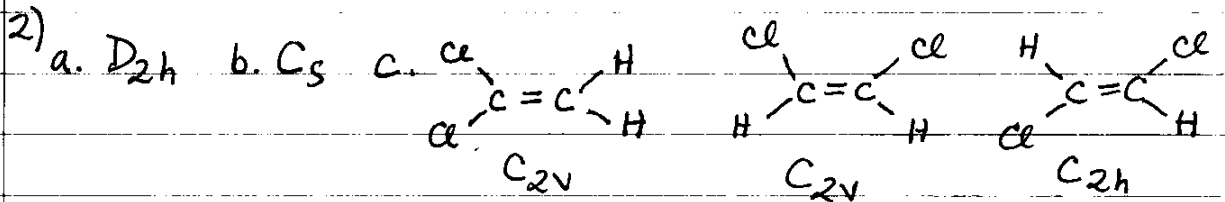


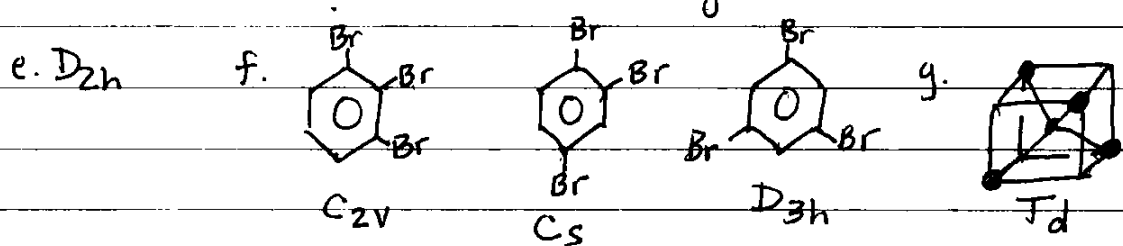
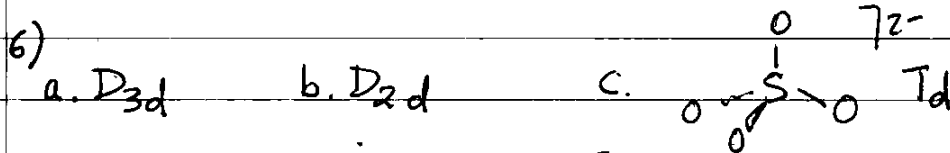
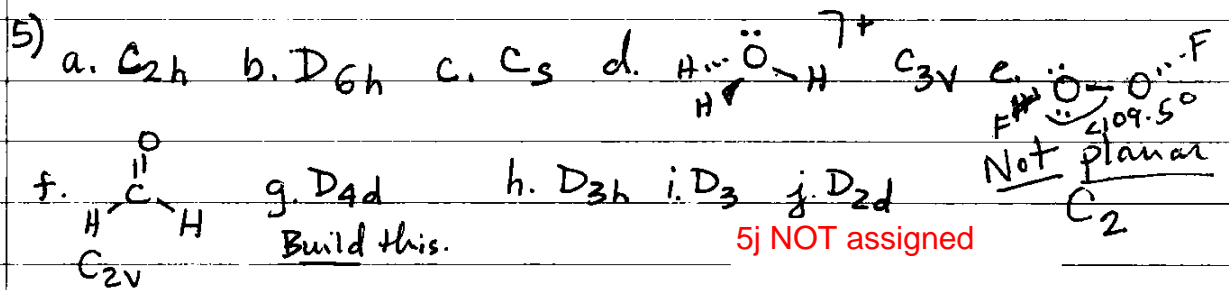
Chapter 4 Part A: #1-4, 5(a-i), 6(a-c)

1) a. D_{3d} b. D_{3h} c. C_s d. C_{2h}



3) a. $H-C\equiv C-H$ $D_{\infty h}$ b. $C_{\infty v}$ c. C_{3v} d. C_s e. C_{2v}

4) a. D_{2h} b. C_{2v} c. C_{2h} d. C_s



h. D_{2d}

6e, f, g, h NOT assigned