CHMA10 2022F 2nd Term Test

Name_____ Student Number_____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) What volume (in mL) will a sample of F_2 gas occupy in a syringe at 5.57 bar if the F_2 has a volume of 25.0 mL at 1.22 bar? 1) _____

A) 17 mL B) 3.8 mL C) 7.6 mL D) 11 mL E) 5.5 mL

2) Use the molecular orbital diagram shown to determine which of the following is least stable. 2) _____

