Important Information:

Chapter 10

Conversions: R.P. → moles Divide by Avogadro’s number (6.02 x 1023)

 Moles → R.P. Multiply by Avogadro’s number (6.02 x 1023)

 Mass → moles Divide by Molar mass

 Moles → mass Multiply by molar mass

 Volume → moles Divide by 22.4L/mol (at STP)

 Moles → volume Multiply by 22.4L/mol (at STP)



Diatomic Molecules H2, N2, O2, F2, Cl2, Br2, I2

(other) P4, S8

Chapter 12



Chapter 16



All other relevant information can be found on the periodic table at the end of your exam.