

Taibah University
Chem 101
Assignment
Chap 3

Due Wednesday
29/03/2017
Student ID: _____
Name: _____
Section: _____

Supervisor's Use only

SEMESTER-2

I. Classify each of the following as atomic element, molecular element, molecular compound, or ionic compound; then give its name

NaCl _____	FeO _____
CO ₂ _____	Cr ₂ S ₃ _____
N ₂ _____	CuNO ₂ _____
Fe _____	C ₆ H ₁₂ O ₆ _____ ; glucose
PCl ₃ _____	Mg(NO ₂) ₂ _____

II. Write a formula for the compound that forms between

1. magnesium and sulfur
2. barium and oxygen
3. beryllium and chloride
4. strontium and bromine
5. phosphorus trichloride
6. disulfur tetrafluoride
7. diphosphorus pentasulfide

III. Name each of the following compounds

1. Mg₃N₂
2. KF
3. Na₂O
4. Li₂S
5. CO
6. NI₃
7. I₂O₅