

Introduction to Chemistry : Quiz-80

- 1) What is an element?
- 2) Give the name of the element which has the following symbol.
a) Fe b) S c) Hg d) Cl
- 3) Give the symbol for these elements.
a) calcium b) gold c) magnesium d) argon
- 4) Is strontium a metal or a non-metal?
- 5) Give four properties of metals.
- 6) Name any two elements which are gases.
- 7) What is a compound?
- 8) Which two elements make up BaBr_2 ?
- 9) What are ionic compounds?
- 10) What are the two possible combining capacities for nickel?
- 11) Name the compound.
a) NaF _____ b) MgO _____
c) CaCl_2 _____ d) Ca(OH)_2 _____
e) Fe_2O_3 _____ f) NiCl_2 _____
- 12) Give the formula for the compound.
a) potassium chloride _____
b) sodium oxide _____
c) calcium nitrate _____

d) iron (II) chloride _____

e) calcium carbonate _____

f) ammonium fluoride _____

Answers: 1) An element is a substance which cannot be broken down into simpler substances., 2)a) iron, b) sulfur, c) mercury, d) chlorine, 3)a) Ca, b) Au, c) Mg, d) Ar, 4) metal, 5) shiny, ductile, malleable, good conductors of electricity, 6) H, N, O, F, Cl, He, Ne, Ar, Kr, Xe or Rn., 7) A compound is a substance which is composed of more than one type of atom., 8) barium and bromine, 9) An ionic compound is one which consists of a metal combined with a non-metal., 10) 2 or 3, 11)a) sodium fluoride, b) magnesium oxide, c) calcium chloride, d) calcium hydroxide, e) iron (III) oxide, f) nickel (II) chloride, 12)a) KCl, b) Na₂O, c) Ca(NO₃)₂, d) FeCl₂, e) CaCO₃, f) NH₄F.