

ST. MARGARET COLLEGE MAKERERE
BOT EXAMS TERM II 2012
S.1 CHEMISTRY

Time : 2 hrs

INSTRUCTION: Do ALL questions

1. Define the following terms:

- a). an atom
- b). an element
- c). compound
- d). mixture

2. Fill in the table below with an appropriate symbol or name of element

Name	Symbol
Calcium	_____
Magnesium	_____
_____	Mn
_____	O
Sodium	_____
Aluminum	_____
Nitrogen	_____
_____	C
_____	H ₂ O
_____	Pb
hydrogen	

3). Answer the following using true or false :

- i). change from solid to gas is sublimation
- ii). Smelling of a gas from the other corner of a room is due to osmosis
- iii). Sand and sugar have the same chemical composition
- iv). The details of every substance is chemistry
- v). a busen burner produces a luminous flame when the air hole is open
- vi). Chemistry is divided into branches, physical, organic or inorganic
- vii). Ammonia diffuses at a faster rate than ammonium chloride.
- viii). A chemical change is reversible
- ix). Burning back in busen burner occurs as aluminous flame
- x). to be a medical doctor, one studies physics and chemistry.

END