



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 02.07.20

Duration: 40 min

Worksheet Solution 53

Full Marks: 15

LANGUAGE OF CHEMISTRY

Choose the Correct options:

- How many atoms of hydrogen (H) are in $C_6H_{12}O_6$?
 - 3
 - 6
 - 12**
 - 24
- How many atoms of carbon (C) are in $C_6H_{12}O_6$?
 - 3
 - 6**
 - 12
 - 24
- Which is the correct formula for:
three hydrogen (H)
one sulfur (S)
four oxygen (O)
 - H_3SO_4**
 - HSO_4
 - H_4S_3O
 - H_2O
- Which is the correct formula for:
one carbon (C)
two oxygen (O)
 - CO_2**
 - CO
 - C_2O_2
 - CO
- Which of the following is not an elements?
 - H_2O**
 - H_2
 - O_2
 - Au
- How many atoms are there TOTAL in: H_2SO_4
 - 6
 - 5
 - 7**
 - 3
- How many Sodium (Na) are in $6NaCl$?
 - 1
 - 12
 - 6**
 - 2
- How many Aluminum are in Al_2O_3 ?
 - 3
 - 2**
 - 5

- (d) 5
9. How many O's are in $\text{Al}_2(\text{SO}_4)_3$
- (a) 4
 - (b) 12**
 - (c) 7
 - (d) 24
10. How many Oxygen are in $4\text{H}_2\text{O}$?
- (a) 6
 - (b) 8
 - (c) 2
 - (d) 4**
11. How many Hydrogen are in $4\text{H}_2\text{O}$?
- (a) 6
 - (b) 8**
 - (c) 2
 - (d) 4
12. Which of the following is not an element?
- (a) Co
 - (b) O_2
 - (c) C
 - (d) CO_2**
13. Which of these is an element?
- (a) H_2Cr
 - (b) Cr_3O
 - (c) HP
 - (d) Ni**
14. What is NaHCO_3 (Baking Soda) made up of?
- (a) 1 sodium, 1 hydrogen, 1 carbon, 3 oxygen**
 - (b) 1 sodium, 1 hydrogen, 3 cobalt
 - (c) 1 nitrogen, 1 hydrogen, 3 cobalt
 - (d) 1 nitrogen, 1 hydrogen, 3 cobalt
15. What is Fe_2O_3 (rust) made up of?
- (a) 1 flourine, 2 einsteinium, 3 oxygen
 - (b) 2 fluorine, 3 oxygen
 - (c) 2 iron, 3 oxygen**
 - (d) 2 iron, 3 osmium