



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

- **Subject** Physical science Answers of Worksheet- 8 **Class 7**
- **Date** 8.06.2020

- **Chapter** :Elements, Compounds And Mixtures

- **Answer the following questions (MCQ) :** (1×15)

- Question 1

Q. The one or two letters used to represent elements

answer choices

Yield sign

Coefficient

Symbol

Subscript

Answer Symbol

Question 2

Q. Element or compound?

H₂O

answer choices

element

compound

Answer compound

Question 3

Q. Element or compound?

O₂

answer choices

Element

Compound

Answer Element

Question 4

Q. How many elements are in C₆H₁₂O₆?

answer choices

1

2

3

4

Answer 3

- Question 5

Q. A physical change is?

answer choices

It changes the object into something different

Objects or substances undergo a change that does not change their chemical composition

it is just like a chemical reaction

Paper burning

Answer Objects or substances undergo a change that does not change their chemical composition

Question 6

Q. A chemical change is?

answer choices

a shoe lace cut in half

doesn't change anything

changes the look of an object

change that results in the formation of new chemical substances

Answer change that results in the formation of new chemical substances

Question 7

Q. The smallest physical unit of an element or compound (O_2 and H_2O are both examples of ONE of these)

answer choices

Physical change

Chemical Symbol

Yield Sign

Molecule

Answer Molecule

Question 8

Q. The arrow symbol used in a chemical equation

answer choices

Yield sign

Subscript

Coefficient

Chemical formula

Answer Yield sign

Question 9

Q. A way to show the number and type of elements (atoms) in a molecule or compound with a combination of symbols and numbers.

answer choices

Molecule

Chemical formula

Physical change

Coefficient

Answer Chemical formula

Question 10

Q. The small number that is written below the symbol and shows how many atoms of each element is present.

answer choices

Compound

Molecule

Coefficient

Subscript

Answer Subscript

Question 11

Q. The large number written in front of a chemical formula. It shows the number of molecules.

answer choices

Molecule

Compound

Coefficient

Subscript

Answer Coefficient

Question 12

Q. How many Hydrogen atoms are in H_2O ?

answer choices

zero
one
two
three

Answer two

- Question 13

Q. How many atoms of carbon (C) are in $C_6H_{12}O_6$?

answer choices

3

6

12

24

Answer 12

- Question 14

Q. Which of the following is a compound?

answer choices

Co

O₂

C

CO₂

Answer CO₂

Question 15

Q. Which of the following is NOT an element?

answer choices

H₂O

H₂

O₂

Au

Answer H₂O

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