



## ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

• **Subject** Physical science Worksheet- 8Class 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

• Question 2

Q. Element or compound?

H<sub>2</sub>O

answer choices

element

compound

• Question 3

Q. Element or compound?

O<sub>2</sub>

answer choices

Element

Compound

• Question 4

Q. How many elements are in C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>?

answer choices

1

2

3

4

• 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

• 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

• 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

• Question 8

Q. The arrow symbol used in a chemical equation

[answer choices](#)

Yield sign

Subscript

Coefficient

Chemical formula

• 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](#)

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Molecule

Chemical formula

Physical change

Coefficient

• Question 10

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

[answer choices](#)

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Compound

Molecule

Coefficient

Subscript

• Question 11

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

[answer choices](#)

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Molecule

Compound

Coefficient

Subscript

• Question 12

Q. How many Hydrogen atoms are in  $H_2O$ ?

[answer choices](#)

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zero

one

two

three

• Question 13

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

[answer choices](#)

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3

6

12

24

- Question 14

Q. Which of the following is a compound?

answer choices

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Co

O<sub>2</sub>

C

CO<sub>2</sub>

- Question 15

Q. Which of the following is NOT an element?

answer choices

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H<sub>2</sub>O

H<sub>2</sub>

O<sub>2</sub>

Au

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