



FOR GOD AND COUNTRY

## ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

**Subject : Physical science Worksheet-11 Class: 7**

**Date 11.06.2020**

**11.06.2020 : formulas of elements and compounds**

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

• Question 1

Q.  $\text{Ba}^{+2}$ ,  $\text{Br}^{-1}$

answer choices

BrBa

$\text{Br}_2\text{Ba}_2$

$\text{BaBr}_2$

$\text{Br}_2\text{Ba}$

• Question 2

Q.  $\text{Ca}^{+2}$ ,  $\text{O}^{-2}$

answer choices

CaO

OCa

$\text{Ca}_2\text{O}_2$

$\text{Ca}_2\text{O}$

• Question 3

Q. The correct chemical formula for magnesium phosphide is

answer choices

MgP

$\text{Mg}_2\text{P}_3$

$\text{Mg}_3\text{P}_2$

$\text{Mg}_3(\text{PO}_4)_2$

• Question 4

Q. The name of  $\text{FeCl}_2$  is

answer choices

iron chloride

iron (II) chloride

iron (I) chloride

iron dichloride

• Question 5

Q.  $K^+$ ,  $O^{2-}$

[answer choices](#)

KO

$K_2O$

$K_2O_2$

$O_2K$

• Question 6

Q.  $Ca^{+2}P^{-3}$

[answer choices](#)

PCa

$P_2Ca_3$

CaP

$Ca_3P_2$

• Question 7

Q. When adding a subscript to a polyatomic ion, you should...

[answer choices](#)

multiply any subscripts on the polyatomic ion by the subscript you are adding

put parentheses around the polyatomic ion before adding a subscript

write the new subscript next to any subscripts on the polyatomic ion

put the polyatomic ion in square brackets before adding the subscript

• Question 8

Q. What is the correct name for HBr?

[answer choices](#)

Bromic acid

Hydrobromic acid

Hydrogen bromate

Hypobromic acid

• Question 9

Q. What do atoms of metals tend to do with their valence electrons when bonding with non-metals?

[answer choices](#)

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share them

donate them

keep them and accept others

keep them and give others

• Question 10

Q. What is the correct name for  $P_3Cl_6$ ?

[answer choices](#)

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Potassium chloride

Phosphorous chloride

Triphosphorous hexachloride

Tetraphosphorousheptachloride

• Question 11

Q. What is the correct name for  $MgI_2$ ?

[answer choices](#)

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Manganese IV iodide

Manganese diiodide

Magnesium iodide

Magnesium diiodide

• Question 12

Q. The correct name of  $Mg_3N_2$  is

[answer choices](#)

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manganese nitride

magnesium nitride

magnesium (III) nitride

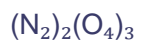
trimagnesiumdinitride

• Question 13

Q. What is the correct formula for dinitrogen tetroxide?

[answer choices](#)

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• Question 14

Q. What is the correct formula for phosphorous trichloride?

answer choices

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• Question 15

Q. What is the correct name for  $SO_2$ ?

answer choices

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Sulfur oxide

Sulfite

Sulfur dioxide

Sulfur II Oxide

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