



FOR GOD AND COUNTRY

## ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

**Subject : Physical science**      **Answers of 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

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

$\text{BaBr}_2$

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

Answer  $\text{BaBr}_2$

Question 2

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

answer choices

CaO

OCa

$\text{Ca}_2\text{O}_{+2}$

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

Answer CaO

Question 3

Q. The correct chemical formula for magnesium phosphide is

answer choices

MgP

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

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

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

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

Question 4

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

answer choices

iron chloride

iron (II) chloride

iron (I) chloride

iron dichloride

Answer iron (II) chloride

Question 5

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

answer choices

KO

$\text{K}_2\text{O}$

$\text{K}_2\text{O}_2$

$\text{O}_2\text{K}$

Answer  $K_2O$

Question 6

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

answer choices

PCa

$P_2Ca_3$

CaP

$Ca_3P_2$

Answer  $Ca_3P_2$

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

Answer put parentheses around the polyatomic ion before adding a subscript

Question 8

Q. What is the correct name for HBr?

answer choices

Bromic acid

Hydrobromic acid

Hydrogen bromate

Hypobromic acid

Answer Hydrobromic acid

Question 9

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

answer choices

share them

donate them

keep them and accept others

keep them and give others

Answer donate them

Question 10

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

answer choices

Potassium chloride

Phosphorous chloride

Triphosphorous hexachloride

Tetraphosphorousheptachloride

Answer Triphosphorous hexachloride

Question 11

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

answer choices

Manganese IV iodide

Manganese diiodide

Magnesium iodide

Magnesium diiodide

Answer Magnesium iodide

Question 12

Q. The correct name of  $Mg_3N_2$  is

answer choices

manganese nitride

magnesium nitride

magnesium (III) nitride

trimagnesiumdinitride

Answer magnesium nitride

Question 13

Q. What is the correct formula for dinitrogen tetroxide?

answer choices

$N_3O_3$

$(N_2)_2(O_4)_3$

$N_2O_4$

$N_4O_2$

Answer  $N_2O_4$

Question 14

Q. What is the correct formula for phosphorous trichloride?

answer choices

$P_3Cl$

$PCl_3$

$KCl_3$

$K_3Cl$

Answer  $PCl_3$

Question 15

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

answer choices

Sulfur oxide

Sulfite

Sulfur dioxide

Sulfur II Oxide

Answer Sulfur dioxide

Teacher- Piyali Halder