



## ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

- **Subject :Chemistry**      **Answers of Worksheet- 6**      **Class IX**
- **Date 16.05.2020**

- **Chapter:Atom,molecules and radicals**

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

- **Question1**

Q. A neutralization reaction will (almost) always produce...

answer choices

water & salt

water

salt

water & carbon

Answer water & salt

Question 2

Q.

A type of chemical that forms solutions that taste sour, due to high concentrations of positive hydrogen ions

answer choices

acid

base

salt

pH

Answer acid

Question 3

Q.

What is considered to be in the middle of the pH scale

answer choices

acidic

neutral

basic

indicator

Answer neutral

Question 4

Q. If there is excess hydrogen ions, the solution will be...

answer choices

acidic

basic

Answer acidic

Question 5

Q. If there is excess hydroxide ions, the solution will be...

answer choices

acidic

basic

Answer basic

Question 6

Q. Identify the salt in the following equation:



answer choices

$\text{Zn(OH)}_2$

$\text{HNO}_3$

$\text{H}_2\text{O}$

$\text{Zn(NO}_3)_2$

Answer  $\text{HNO}_3$

Question 7

Q. NaCl is a ...

answer choices

acid

base

salt

water

Answer salt

Question 8

Q. In a \_\_\_\_\_ reaction, an acid and a base produce a salt and a water.

answer choices

concentrated

decomposition

dilute

neutralization

Answer neutralization

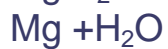
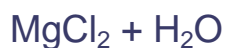
Question 9

Q.

Complete the following reaction:



answer choices



Answer  $\text{MgCl}_2 + \text{H}_2\text{O}$

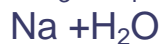
Question 10

Q.

Complete the following reaction:



answer choices



Answer  $\text{Na}_3\text{PO}_4 + \text{H}_2\text{O}$

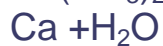
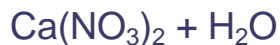
Question 11

Q.

Complete the following reaction:



answer choices



Answer  $\text{Ca}(\text{NO}_3)_2 + \text{H}_2\text{O}$

- Question 12

Q.

A type of chemical that forms solutions that taste sour, due to high concentrations of positive hydrogen ions

answer choices

acid

base

salt

pH

Answer acid

Question 13

Q. Identify the salt in the following equation:



answer choices



Answer  $\text{Zn(NO}_3)_2$

Question 14

Q. What are the products to a neutralization reaction?

answer choices



Answer  $\text{H}_2\text{O}$  + Ionic Salt

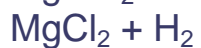
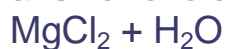
Question 15

Q.

Complete the following reaction:



answer choices



Answer  $\text{Mg} + \text{H}_2\text{O}$

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