



Science Worksheet-1

Candidate Name:

Total Marks: 15

Grade: VII

Marks obtained:

Time: (.....)

Teacher's Signature:

Q1 How to test whether the material is magnetic or not

.....

..... [2]

Q2 Magnesium + Hydrochloric acid \rightarrow Magnesium Chloride + Hydrogen

a) What are the reactants in this equation..... [1]

b) What are the products formed when you react zinc with sulfuric acid.....

..... [1]

Q3 Write a word equation for the reaction when carbon burns in oxygen.

[2]

.....

b) Complete equation: [2]

Sulfur + \rightarrow sulfur dioxide

Copper Carbonate + Sulfuric acid \rightarrow + carbon dioxide + water

Q4.a) In a solution of sugar and water, which is the solvent and which is the solute?..... [1]

.....

b) What mass of salt solution is made when 5g of salt is dissolved in 44g of water? Explain the reason.

[1]

.....

Q5 Describe two properties that the elements in the first two columns of the periodic table share with one another [1]

.....
.....
.....

Q6 What is the name of the compound formed when the following elements are combined together? [2]

- a) Calcium, Carbon and Oxygen.....
- b) Hydrogen and fluorine.....

Q7 In which direction do arteries carry blood-away from the heart, or towards the heart? [1]

Q8 which side of the heart contains oxygenated blood [1]

.....



Science Worksheet-2

Candidate Name:

Total Marks: 15

Grade: VII

Marks obtained:

Time: (.....)

Teacher's Signature:

Q1a) needs an electricity supply to make it work. [1]

b) The core of an electromagnet must be made of a material. [1]

c) A region where a magnetic material feels a force..... [1]

Q2a) Can you name a chemical reaction which happens in plants but not in animals
..... [1]

b) List the reactants when calcium carbonate reacts with hydrochloric acid \rightarrow calcium chloride +water +carbon dioxide
..... [2]

Q3) What is a saturated solution?
..... [1]

Q4) Which two elements are combined in hydrogen sulfide
..... [1]

Q5) Write the correct name for a compound made of calcium and sulfur.
..... [1]

6) Which three elements are combined in lithium sulfate
..... [1]

7a) The formula for sulfur dioxide is SO_2 .How many different elements are combined in sulfur dioxide? [1]
.....

b) How many atoms of oxygen are combined with each atom of sulfur?

[1]

c) Which two elements are contained in all hydroxides?

..... [1]

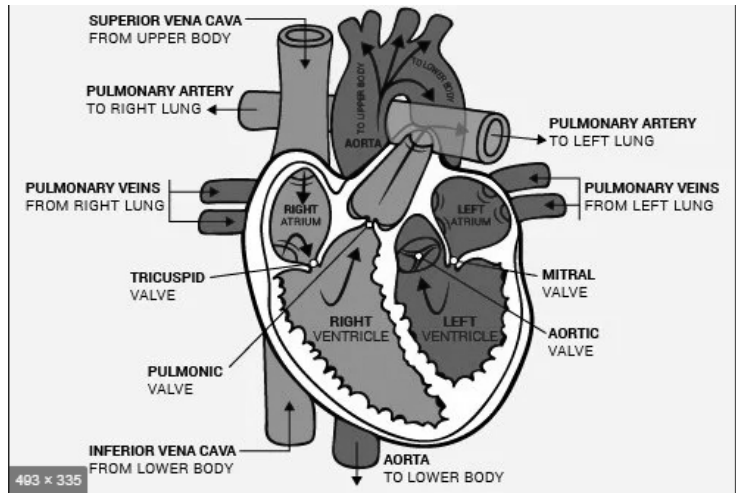
d) What is the name of the compound with formula

LiOH?

.....[1]

8) State what happens during one heart beat.

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.....
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.....



[1]

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