



**UNITED NATIONS SCHOOL I.E.D.**  
**PEI: COMPREHENSIVE TRAINING OF COMPETENT ENTREPRENEURIAL LEADERS, WITH**  
**DEMOCRATIC, TECHNOLOGICAL, CULTURAL AND SPORTS PRINCIPLES**  
**MOTTO: "EDUCATION, SCIENCE, CULTURE AND SPORT TO TRANSCEND"**

**PREPARATION WORKSHOP FOR THE SECOND PERIOD**  
**CHEMISTRY**  
**EIGHTH GRADE**  
**TEACHER HEISEL QUESADA**

The preparation workshop must be carried out in the Chemistry notebook as a requirement to take the competency test

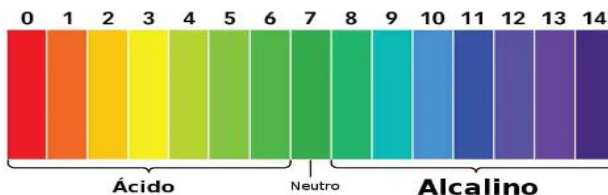
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**ANSWER QUESTIONS 1 TO 5 ACCORDING TO THE FOLLOWING INFORMATION**

METAL	Fr	Ni	Fe	Mn	Cr
NO METAL	N	Te	As	Cl	S

1. Write down the elements with which hydrocid acids can be formed. Justify your answer and make the corresponding formation equation for each one
2. Write down the elements with which they can form basic oxides. Justify your answer and perform the corresponding formation equation for each one
3. Choose a metal and a nonmetal and predict all inorganic functions using formation equations
4. Predict which compound is formed from a basic oxide by adding water to it. Do the same with an acid oxide. Justify your answer
5. Check the physicochemical properties and industrial uses of 2 metals and 2 non-metals in the frame

**ANSWER QUESTIONS 6 TO 10 ACCORDING TO THE FOLLOWING INFORMATION**



SISTEMA	pH
jugo gástrico	1,6 -1,8
jugo de naranja	2,6 – 4,4
leche de vaca	6,6 – 6,9
agua de mar	8,0
leche de magnesia	10,5

6. Write down the substances in ascending order of Ph
7. Which substances would be alkaline, which would be acidic, and which would be neutral?
8. Which of the substances should be taken to calm the heartburn by increasing gastric juice in the stomach. Justify your answer
9. What inorganic function is gastric acid? Write the formation equation
10. What inorganic function is milk of magnesia? Write the formation equation

