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Re Skort answers to any Five (5) questions: 10

Define industrial chemistry and analytical chemistry.

Explain why hydrogen and oxygen are considered as elements whereas water as a compound?

iii Write two properties of neutron.

How many maximum electrons can be accommodated

_ Ink, L, M, N shells?

What is the trend of ionization energy in period and why?

Define electronegativity. Which one halogen has highest electronegativity value?

Write names of elements of first period.

viii} Write down the name of elements of group-1 (any two)

@38] Write short answers to any Five (5) questions:

Define duplet and octet rule. $\text{Al} < \text{CO}$

Why ice floats over water? Gy

Define metallic bond

gas pressure?

ee

Define oxidation number.? _

What is meant by electrolysis?

What are weak electrolytes? Give at least one example

Define rusting. Write its important condition.

| What do you mean by 22 carat gold?

Write down chemical reaction of Mg with O_2 and N_2 .

ii} What is the trend of electropositivity in a group and 2 period?

[vii] Write any two physical characteristics of metals.

Q.10

Define evaporation. Explain factors affecting it.

Q.11

Q.12] How can we prepare sodium hydroxide (NaOH) on a commercial scale? Discuss its chemistry along with its uses.

Q.13

Note: Attempt any TWO questions.

Q.14

Q.15

Q.16] What is a saturated solution and how is it prepared?