

What is the scope of industrial chemistry?

Which two elements exist in liquid state? Write names.

How isotopes can be used for the treatment of cancer?

Define a shell and a sub-shell.

Write any two salient features of long form of periodic table.

Write short answers to any FIVE (5) questions: 10

Why do atoms react?

Write two properties of ionic re

(iv) Why are gases compressible?

Vv Evaporation causes ERY. ni

What is the difference between saturated and

Saturated

What is the difference between saturated and unsaturated solutions?

Why do suspensions and solutions do not show Tyndall effect?

Write short answers to any FIVE (5) questions: 10

Define alloy with example.

Write two methods for prevention of corrosion.

How electroplating of tin takes place?

Define oxidation number.

Name four least reactive metals.

How non-metals are essential for existence of life?

i] Write any two uses of sodium.

ii) What is the difference between alkali and alkaline earth metals?

| PART I AND COR

aa Attempt any TWO sets

Qala] How to write a c plain with suitable

HL Wier (\ ' 5

si cer tive covalent bond with one example. 4

differences between Rutherford's atomic

sia he Bohr's atomic theory. 5

a State Charles law. Explain it along with mathematical

expression. 4

ate Discuss the rules for assigning oxidation numbers. 5

({})) What is a super saturated solution? How it is prepared?

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