limes a51Min§ Marksei43)

PTI

\\ wers to any FIVE (5) questions:

GN yh down the empirical formula of glucose and silica.

Lil) Define mole and.give example.

(iii) Define element. Write the namie of e einen! that occurs in liquid

State.

, iv) How nucleus was discovered by Rutrerfard?

" Define electronic configuration.

vi) State modem periodic law Who pul forward this law?

vl Write the trend of shielding effect In he pusiodic table.

3.) Write short answers to any FIVE (5) qu A) Co!

iran onds,

1) Write down the name ee

Gi) se f and accepter in coordinato

sae covalent bond formed?

(iy) How does intermolecular forces affect the evaporation ofa

liquid?

How does temperature affect vapour pressure of a liquid?

{vi} What is difference between saturated and unsaturated solution?

(Vi) What is meant by volume/mass % (v/i%1?

(vii) How can you distinguish between solution and a pure liquid?

(4.] Write short answers to any FIVE (5) questions:

CL) What do you mean by oxidizing agent? Give an example.

(il) what do you mean by rust? Write its equation, a cori

(TM) Define oxidation numb rau

fiv} What do yo) ive an example.

LW Name (oy ene metals.

ante of electropositivity in a group and a period.

(Vij) Write any two uses of platinum. °

(vit) What do you mean by non-metal?

PART <'l

CY

Note: Attempt any Two questions.

(5.)(a) Write down any five differences between. Rutherford?s atomic

theory and Bohr's atomic theory @

(b) Explain compound and give its classification. mi

6. (a) Define di-pole di-pole interaction and ex

(b) Explain that evaporatio ?Nee process. .

(7.J(a)Define él &) ea the e extroplating of chromium. @)

angen is required to prepare its 500 cm? of 0.4M

solution. 5