

answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer book. Cutting or filling two or more circles will result in zero mark in that question.

Colour of concentrated solution of KMnO_4 is:

☐ Dense red ☐ Dense purple

☐ Dense orange ☐ Dense white

[2] Free mobile electrons are present in:

☐ Metals ☐ Non-metals

☐ Ionic compounds ☐ Covalent compounds

[3] Which one of the following element belongs to group 11 (I)?"

eleven (11): ☐ a ☐ b

☐ CO^- ☐ N

☐ Cu ☐ Zn

Mass of

☐ $1.0087 \times 10^{-3} \text{ g}$

☐ $2 \times 10^{-3} \text{ g}$ ☐ $9.106 \times 10^{-31} \text{ g}$

In electroplating of silver, silver ions deposit on:

☐ Rubber ☐ Oil ☐ Glass

☐ Spoon ☐ Steel

[4]. Which one is free radicals: ☐ a ☐ b

☐ Cl^- ☐ H^+

☐ $\text{C}_2\text{H}_5^\bullet$ ☐ CH_3^\bullet

Metal hydrides have oxidation number:

☐ -1 ☐ -2

☐ -3 ☐ -4

Lanthanum series started from $Z = ?$:

☐ 56 ☐ 57 |

☐ 58 ☐ 59

[Y] The father of nuclear science is -

(Wale

☐ Rutherford

☐ Solomon Crookes

W

[20] The first to evaporate is:

☐ Ethanol ☐ Cetyl

al ; ☐ Chloroform

[92] Which one is more stable and harder covalent compound:

☐ CH_4 , ☐ CO_2

☐ H_2SO_4 ☐ $\text{C}_6\text{H}_{12}\text{O}_6$

[72] Dental amalgam for filling of tooth is a type of solution:

☐ Gas-gas ☐ Liquid-liquid

☐ Liquid-solid ☐ Solid-solid