Vijay sir CBSE preliminary papers

CLASS 10

MOB-9773203418/9821843764

STD MARKS TIME

SET -1 PAGE 1

Q1] what happens when silver nitrate solution is added to sodium chloride solution? Write the balanced chemical equation. [2M]

Q2] Identify the substances oxidized and substances reduced in the following reactions.[2M]

1] H2 [g] + Cl2 [g] ---- 2HCL[g]

2] H2 [g] + CUO [S] ---- CU[S] + H20 [L]

Q3] what type of chemical reactions is represented by the following equations? [5]

1] A + BC -------- AC + B

2] A + B ------------- C

3] X------------ Y + Z

4] PQ + RS ------- PS + RQ

5] AL2O3 + 2B ----- B2O3 + 2A

Q4] what is the formula of potash alum? Give its 3 uses? [4M]

Q5] a baker found that the cake prepared by him is hard and small in size. Which ingredient that he has forgotten to add that would have caused the cake to rise and become light? Explain your answer [3M]

Q6] what are amalgams? Give one example? [2M]

Q7] Name a metal that is not corroded in air.[1M]

Q8] Distinguish between roasting and calcinations.[2M]

CONT PAGE 2 Vijay sir preliminary papers

PAGE 2

Q9] the atomic no of an element a is 9. Write its electronic configuration and represent the formation of molecule between the two atoms? [2M]

Q10] a white chemical compound X becomes hard on mixing proper quantity of water. It is al so used in surgery to maintain joints in a fixed position. Name the chemical compound [4M]

B] How is X Prepared? Write the equation of the reaction involved?

C] State two uses of X

Q11] Write word equations and then balanced equations for the reactions taking place when –[4M]

A] Dilute sulphuric acid reacts with zinc granules

B] Dilute hydrochloric acid reacts with magnesium ribbon

C] Dilute sulphuric acid reacts with aluminum powder

D] Dilute hydrochloric acid reacts with iron filings.

Q12] what is the formula of-?[2M]

A] Bauxite

B] Cryolite

Q13] what are the advantages and limitations of using carbon as a reducing agent in metallurgy?[4M]

Q14] Give one physical properties and chemical property in which metals differ from non-metals [2M]

Q15] Distinguish between acid and alkali?[2M]

Q16] A compound which is prepared from gypsum has a property of hardening when mixed with proper quantity of water. Identify the compound. Write the chemical equation of its preparation?[2M]

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