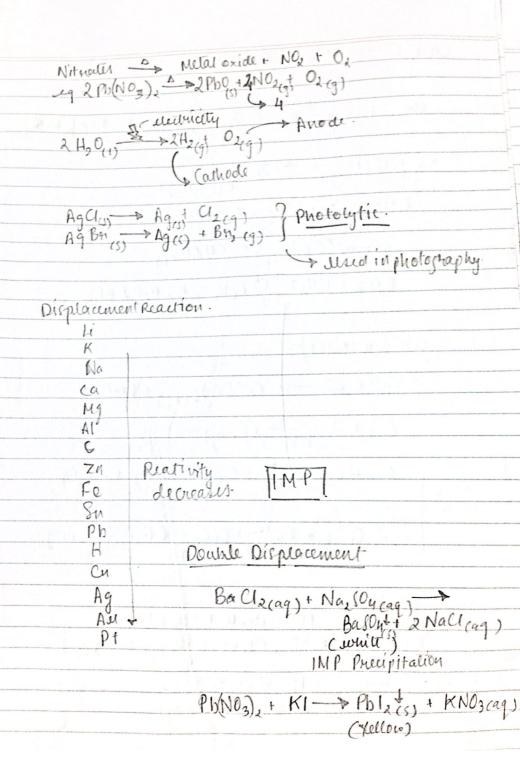
Ch 1 Chemical Eggs and Reaction 2 Mg(s) + O, (g) -> 2MgO(s) [while dording [lame] Zn 12HCl (ay) -> ZnCl (ay) H2(9) (Similar neactions warn almost allacids) CO2+ CO+ 2H2(9) CH3OH (1) 600 + 124,0 chlor C64,00+ 6420, + 602(ag) Combination (DIY) (a0 + 4,0 - (a(0H)2 cag) + wat ((1) + 0, (q) -> CO, (q) exo \$\(\begin{align*} \(\text{CO}_{19} \) \(\tex C6H12Oc(ag) + 60, -> 6(0, + 6H2O(1) + energy. Decomposition Reaction Sulphales - 4. Metal Oxide + SO, + SO3 ?

eg. 2 Fe SO4 - > Fe , 03(5) + SO2(9) + SO3(9) Carbonales -> Metal oxide + CO2 (a(0, 5) CaO(s) + (0, 19)

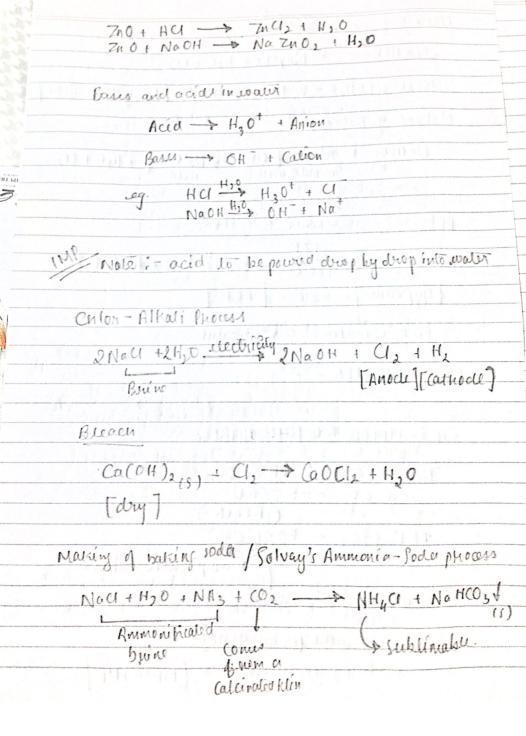


Cu0 + 12 -> Cu + 11,0 Reduction Mainy OIL RIG 66 (400 + H2 -> Cu + H,0 Cul +2 -- 0 [In Cu]
gain of et - seduction H2 -- 0 -- +1. Jose Je --> oxidation o oxidation Reduction L Loss Gain Cognosion geodiens 4 FO, + H, 0, 130, (1) 2 Fe, 05, * H, 0 Le Hydrated Provic Oxide" 2 Cu (s) (Cody) Orgot H, O(1) > Cu (OH), Cu (Og 2 Ag(s) + 4, S(g) -> Ag, S(g) + A2(g)

The ones 1K 4 Califfalling 1 CITOTE CHANGE TO THE FEET OF

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Acids bases and Salts.
      Add Reactions
                                      pop sound
         and metal and -> Salt + H2
         2 No 1 2HC/(aq) >2No C1 + H2(1)
         w/ (055 OH H(035.
          2HC1 + NO, (0 stag) 2 No C1 + H, O, + C0, (9)
          HC1 + NaHCO3 -> NaCl + H2O(1)+ (0, (9)
 Line water madion ?-
         (a(0H), 1 CO, g) Ca(03 + 1+20(1)

(aq) (g) (milky)
 on excess (0)
Ca(+++ (0(03+H,0+(0, → Ca(++(03), +19)
                                  (clear sol.)
    Acid sof base [Neutralisation]
            HU + NH40H - H20+ NH4((ag)
           H, (04 + Ca(OH), > 2H, O11+ Casou(a1)
   Acid w/ metallic oxides
      -> Salt + water
        A1203 + 3H2504 -> A12(504)31091 + 3H20(1)
  Note Al & Zu bonus ampholetic oxides
     A1203 + NOOH - NO A102 + H20(1)
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Making of washing soda 2Na HCO3 - Na, CO3 + H20 + CO2 Noz (03 + 10H, 0 -> Noz (03-10 H20 Theory stallisation) Making of Baking powder. Na HCO3 + Ht ion from Na. Salt of + H, O + Co, DOD Casou 24,0 313K Cason 1/2 H,0 + 1/2 H,0 + [Gypsum] [POP] POP + water - + Gypsum Dun CHAPTER 2. CH 3. METALS AND NON-METALS. Metal + 0, The Metal Oxide 2 Cu + Oz -> Cu O CBlack) 4A1 130, ->2A1,03 1 amphoteric oxider 2711 0 -> Zno Al, Oz is also used for anodiring Check 19 42 yellow box [Kinda MP]

Metals at the dop of scallerity [Na, K, Ca] old 2No +2H,0 ->2NoOH + H, + D) flow. 690 (a + 2H, 0 -> (0(OH), 1 1/29) pakes it floor. HOT water Mg -> Mg(OH), + H2. Steam Mg Mg + H, O (g) > Mg O + H, Sleam fe, Al, Zn.
fe + sleam -> fe,0, + H2. Ph, Cy, Ag, Au do not react with gleam also :/ Metals , w/ acid -> fef. prev. chp. Metals + Non-metals -> lonic compounds Na +xax -> [No] [; CIX] -> Nacl Ng: Tiệs Ng 12+ [Kg]2+ [CŽIZ]2 Ly MgC1. PLS SPARE ME (if something's whong)