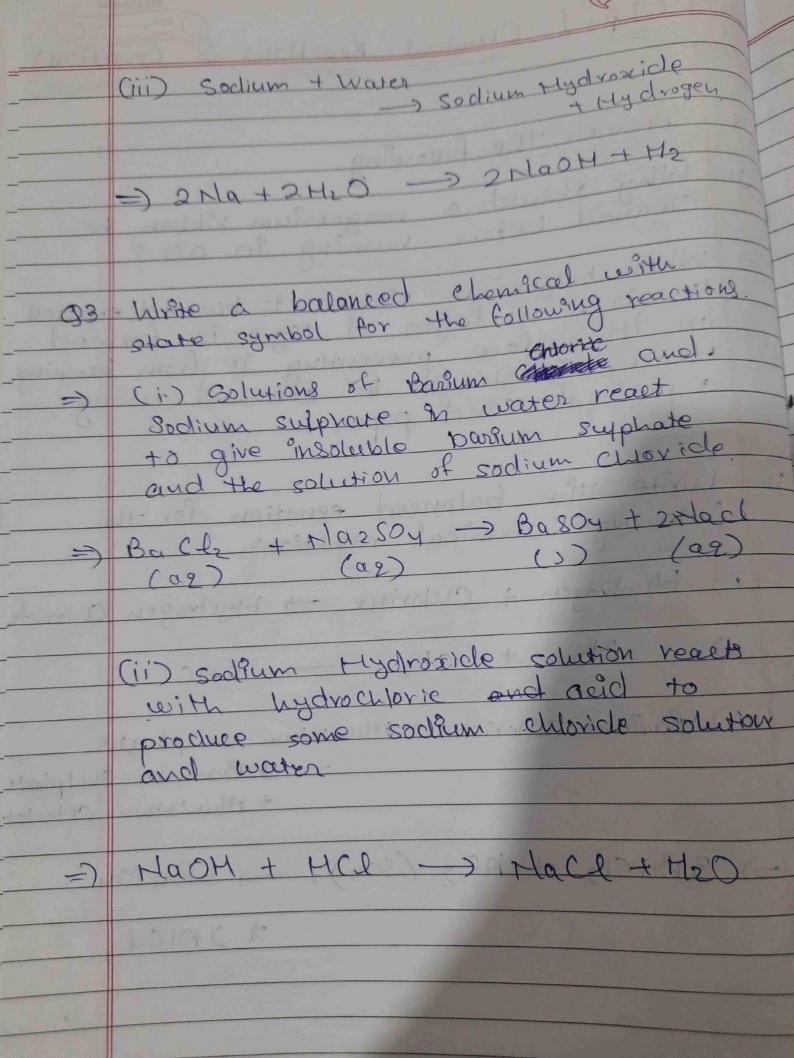
Chenical Reactions & Equations Answer the following. di cleaned before burning in air ? When magnessium rabbon as burned exposed to air of a layer of tago is formed on its surface preventing at from burning thence it should be cleaned rising a piece of sand paper. Da white the balanced equation for the following clemical reactions. (i) Hydrogen + Chlorine -> Hydrogen Chloride =) H2 + C12 -> 2HCl (ii) Barrum Chloricle + Huminium sulphate -> Barium Sulphak + Aluminium Chlorich =) 3 Bacl + Alz (soy) 3 -> 3 Basoy + 2 AIC+3



of for whote washing. (i) Name the substance "se". => Cao - Caloum Oxide (i) Write the reaction of so with =) (a0 + H20 -> (a (OH), + Heat 92. Why 95. the amount of gas collected in one of the test tubes in Activity

1.7 double of the amount collected in

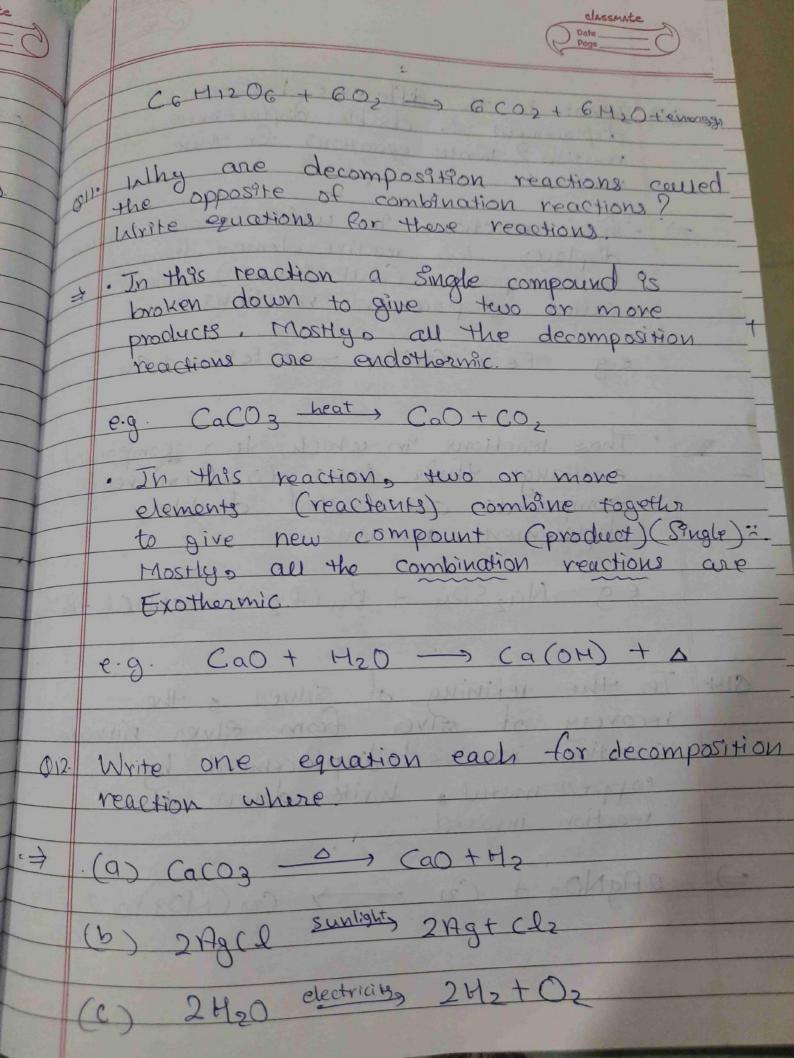
the order? I have this gas. =) Water molecule contain tevo atoms of tydrogen and one part of oxygen therefore during electrolysts of water
the amount of Hydrogen gas collected
In one test tube is double that of oxygen which is collected in the other textube.

03 (Pg-13) Or hilly does the colour of cusoy change when an fron nail 95 dipped in it? · Iron is more reactive than copper so when an iron neil is dippod En Cusay solution o gron displaces copper from Pts solution. · hle cran see two observations: 7. Blue colour of Crisay changes to a green coloured Fesoy. 2. Iron hail gets coated by copper and tooks brown in colour Febt Cusoy -> Fesoy + Cu (iron) + (copper sulphane) (iron) + (opper. 02 Give an example of double displement reaction other than the one given in Activity 1.10. Pb (NO3)2 + 2KT -> PbI2+ 2KNO3 (lead hitrate) + (Potassium -) (lead + (Pottasium)
Podide) Podide) hitrak)

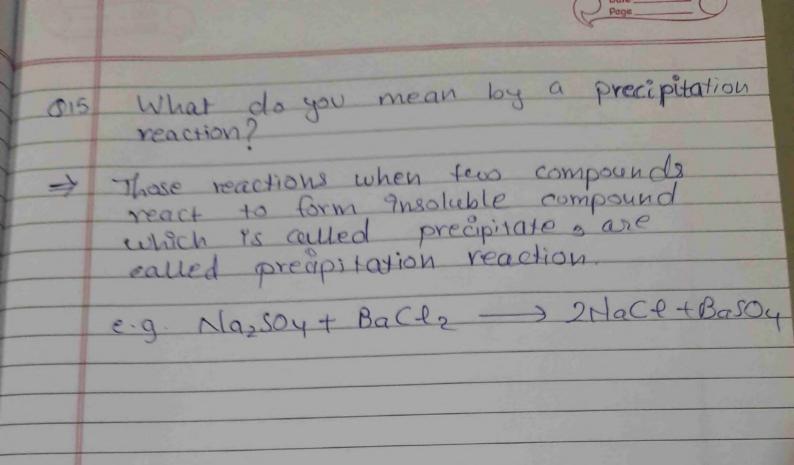
I-dentify the substances that are reduced In the following. D 4Na(s) + 02(g)->2Na300) a Godium 95 andissed to sodium ancide. (i) (2) (3) + H2 (3) -> (21 + H20 a) C210 (copper oxide) is reduced to copper 2 Hz (hydrogen) is oxidised to give H20 (water) * Exercises By what is a balancel demical equation) =) · Why should it be balanced?

=) · When the mass of the yeartants is equal to the mans of the products it is called a balanced dernicol · Chriscal equations should be balancel because mass con neither be created not be destroyed, an a chemical reaction. It is the law of

conservation of mars. 99. What does one mean by exotternic reactions? Give examples. · Exothermic reactions are the reactions in which heat is released along with the products. e.g. C+O2 -7 CO2 + A · Endothering c reactions are the reactions In which heat is absorbed. Cacoz heat, CaO + CO2 910. Inly 95 respiration considered as an exothermic reaction? Explain. -> During respiration glucose combines with oxygen in the cells of our body & provides energy. As energy is released during respiration it is coursed exotlemic



913. What is the difference between displacement & double displacement reaction? Write equations for these reactions. -) Those reactions on which more reactive displaces less reactive element from cone (salt solution) cone called displacement reactions. e.g. Fe + Casoy - > Fesoy + Ca · Those reactions in which two compound exchange their Pons to form rew compounds are called double deplacement reactions. e.g. Masson + Balls - > Nace + Ball GI4. In the refining of silver of the recovery of silver from silver nitrate solution involved displacement by copper metal & Write down the 2 AgNO3 + C21 - > C21 (NO3)2 + ZAg



LOG: 24-4-22

SORRY FOR THE HANDVVRITING AND SPELL ERRORS :)