meleculor = 1 x by

Que An organic compound contains canton 407. , h = 6.661. I east is odlygen. The vapour denvy of compoun in 30. Fin dont compluired & meliculor formula at compaind.

(= 404. , +1= 1.66%, , 0= 40+6.66

Vapour density: 30

= collabor 53.34 Patent . Srupe 1. Atwr 40/12=3.33 6.66/176.26 33.39 16 53.34 = 3.33

comparisal formula= ch20 nzm moleculor formula = (t.F)n 2 2× 30 30

elquivalent concept.

> canivalent meight

5334

n=19 0-89 c1-33.89

such meight af element utherer combiner suite 1 gs of my dunger or By of englin at 355 g of le is equelto the aquivalent meight of the clement.

for en: CHy

4g -- 12g lg=> 12 = 3g of c.

eigne valent weight?

A fouric wass enange

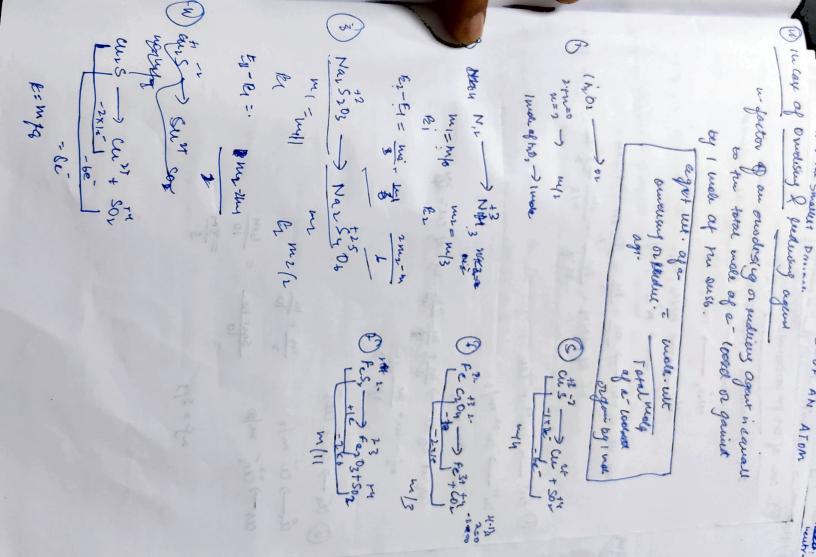
NM3 CCAN SOL Fry 39 12 32 Soz NLOS ALCUZ 17 106-5 10/80 28 809 3248 14 17 385-2142 8 31 -4.618 34724 2+9-7 106.5 25.5 89-) 3 35g -> 106-5 27 K 4 = 4.6)8 = 39 89 94 =9.3

quind) aquevalent accignit AN ATOM moleculor new qu n-factor or valence factor. N-factor or Valence facto 1) m care of Aaid : n factor of an acid is equal to the Basico ty yeurally bacuiting is ential or the no. of suplacable hydrogen atom - (NITtion), Generally replacable hydrogen alon den progre ullicu alu attached mit o nygen aton or halogu aton. aquivalent meigne moleculor wit of an Acid Basice toy 43 PO2 H3 Po3 Hz Pon 3Boz liwokas -> Hz POV M3PO2 monobarve acid. n, po 4 mo (comprest= molut: noon [B(OH)4] 43P02 h lan m/I n bo po h mil mp w/3 12303 (borric and) is not a protonic and but it can accept 100 four & comment it into Bloky J so Kn ballaity of 12 Boz in 1 hspay + 2Naon -> Nashpon + 2M20 ndefatio 1:2 uf = 1:1

neu

4.1

@ In case of a bout : m - factor of a book it resor(NMM), 564. 61710=) mony (salt =) orall 3) In case of salt :-Kisson. & Kr (20m)3. 2440 =) botashthm A (2(Sou)3 32mit + 2 kn (relus) -> kn 2m3 [fe(on) 6] + 6 kt 2 nd = 2 : 3 (m/3) Zeet m/c m/s m/3 (mession) against of satt n-factor of a good is equal to the uguir we of bar -> mal we total the charge or me change Ba (on), the been " m/p Feder Naz Pou generally and by a equal to the 80 m/8 accoupt mus mal wit on denonp Taxalow Tarker m A would secy 2/m



En can of Drs pro portionall

Disproportionalism is that phenomenon in which

Same element is ornichised to as well as everlued

HNO, -> HNOS + NO

HNOS -> HNOS , M/2

HNO, -> HOS , M/1

ecq. ut. af HNOD -> m + m = 3 m on-sno

hf of MNOS = m = m = 3 m

No of MNOS = m = 1 m = 3 m

No of MNOS = m = 1 m = 3 m

() cut -> cut + cu

cut -> cut m/1

cut -> cut m/1

cut -> cut m/1

caput ab cut -> m + m - 2m ns = ay cut - 30

ns - cu = m - 11

1/1 2

(i) $ce_{3} \rightarrow ce_{4} \leftarrow ce_{5}$ $ce_{2} \rightarrow ce_{5} \leftarrow ce_{5} \leftarrow ce_{5} \leftarrow ce_{5}$ $ce_{2} \rightarrow ce_{5} \leftarrow ce_{5} \leftarrow ce_{5} \leftarrow ce_{5}$ $ce_{2} \rightarrow ce_{5} \leftarrow ce_{5}$

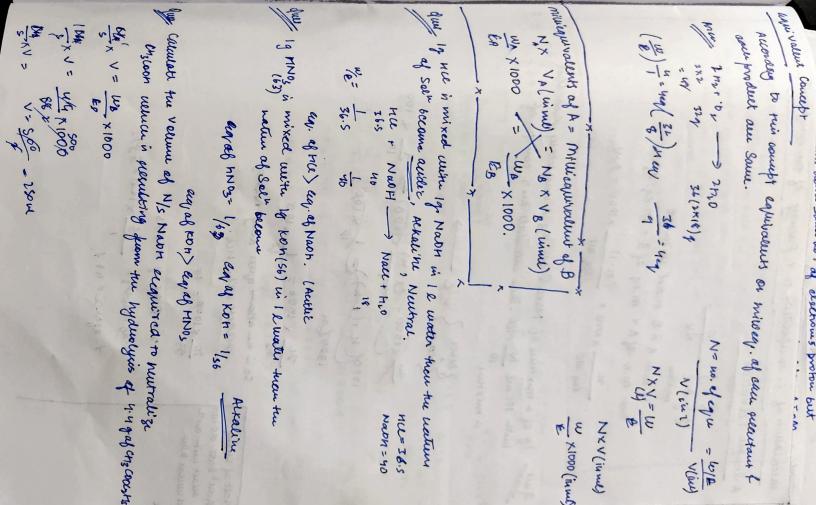
Eurs - 3 curs & Soy

Ez m 53

Ouidesing & feederain ag +

Nn; > Always R.A Rouge of N=

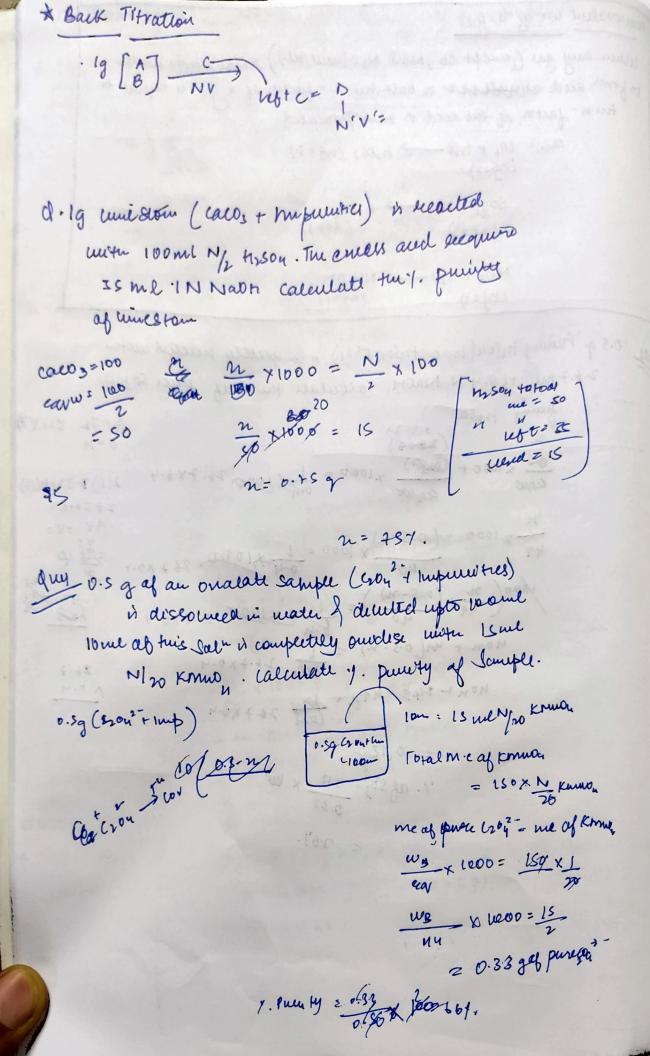
-3-+5 OF AN ATOM MNO, -> Boom. hNo3 -> Always O.A * If an element is present inthe lowest onidates no.
the it behaves as R. A only. omidates u no, it believe as D. A & R. A Cota. * If an element Es penteur in Ets anglies of anidates as o. A.



Acid Bose alonot in in round par event with and * Simple Titration calculation of .1. composition or .1. Furnity of the compensation 13 as a mixture of Nace & Nario 3 is completely seasted with 100 ml N Me. Them calculated the of courts of in S & S C a mixture the m.c. ap 1 m.cq. af 8 = m.cq af c if Born A & B went with CE un.we 1000(n+(1-n) = 1px10p 0001 x - - - 00001x - + 4000/x w so in the about quest any Noutles {Naux } + C 1. alma = 0.55 x 120 = 531. seeach with na. 801× 1000 = 1 × 108 1000 + (20-11) XM00 = NW " 2.53 9 Na103 25 x 1000 = 1/2

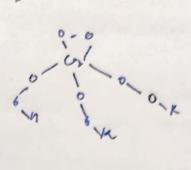
aquivalent we as a gas www any gas (emett co, Nol N20 (neutral)) aissolu in water to form acid anywell or or base the in-factor of a gas in equal to con: - cor + 120 -> tros (nf = 2) (nf=2) 502 + 4,0 -> 4,504 (n Nt3+ 4,0 -> Ntyon (nf=1) (ns=1) gul 0.5 g funary tisou (come- tisou tsos) in completely gracted mote 26.7 ml af 0.4 N Naon. Calculate tui 1. af feuer 503 in 5=32 32+3/10. Es x 1000 + (000 = 1000 = 1000 26.7x 6.4 6=16 2(1) 1-32+4(16) 2+32+64 n x 1000 + (0.5-n) x 1000 = 1000 26.7 x0.4 $1000\left(\frac{n}{49} + \frac{(0.5 - n)}{40}\right) = \frac{1}{6.4} \times 1000 26.7 \times 10.4$ 40n + 49(0·s·n) = 60x4 26.7×0.4 40 n + 24.5 - 49n - 10 26.7 x 0.4 0,13g 7. ap 503 = 6.13 x leer

261.



There have some us. of electrons proton but willation of No. as work af crystal salian 1.759 Nar Cos. n hro is assolved it water & directed up to 250 ml. 10 ml of turs sal " is completely neutral z with 15 ml N ru. Fruit tur value of n or no af weater of apystavicati 1-51 10mi 15 ml N the 1250 70 to E = \$1000 = 345 x 1 19.5 21.25 × 10000 = 25 × 15× 10 C 2.75 × 1000= 345 × 1 2.75 × 1000= 345 × 1 19.5 1= 13×11=143 106+18n= 143 2:35 x vacos 15.75 106 + 18 = 286 2.75 = 15.25 18n:180 u= - 18 2/3/2 15750. A7 275 15+50 GOOT. nho is disessed in water I directed up to 25am 25 me of this solv is neutralise with 25ml Not. forel out hu value of 11. 1:375 | 26ml = 25 x N 1:375 | 25 = 250 ml N 1:575 63 + 1000 = 25,6 x L Education + 1000 = 25,6 x L 19+ 182 263 B= 63 14+8n= 126 nzy

Quidation us. CK O: COZ (Co3. n+1(-2)+2(-)=0 n+3(-2)=0 n=+6(K) 0 -2 1 HNOS Onidation us, of N 1+n+s(-2)=0 1+n+(10)=0 =) 1+ n+u(-1)+1(-2)=0 N= +5 3 172505 (Caro's Aad) omidate u as n-0-11 2(1)+n+S(-2)=0 2+n+l-10)=0 n-8=0 n=8x 1(1)+n+3(-2)+2(-1)e oridation of cr. m+ 5(A) =0 no =(0)=0 K-1040 W-1000 x+1(-2)+4(-2)=0 n= 10 n2+6



* SOME SPEACIAL CASE

Buachen Pounder (cao cer) ; is a type of mind salt

Ofejon Hi a mintere of feor Feroz

- (3) had lead or minimum or Sundager (P6304)

 It enust as 2P60. P602
- & Na, 54 06 -> Sodutu Tetratuionale

* onidation State is the armage of medation no.

u its

afy

00