	Page No.)
	Some Basic Concepts of Chemistry	
0	Law of Combinations de mas gluniants are strongle mon	10
(2)	Hole concept - 2890 and boxil atom tromato and	
3	EF and MF - 69. oiter olgithum oni	
(stio calculation — 149.	8
©	significant Figures - 19	6
mile E	not frailer erom - some = moto > - 9.0 fo our! at	
 ()	To law of 10mbinations: ofife: smoths - 9.11 to was	
olgithu		
mir Iq	Law of consecuation of mass souler privilence to rund	M
	Goy - Livisions law /	
0	Matter neither created nor destroyed during chemical	sxn.
	4Fe + 302 -> 2Fe203 [100% Balanced]	
Ji.	Haves combine in a simple whole number ratio of the	①
②	Total mass of PAL sebru comular	
B L	Total not of atoms in R = Total not of atoms P.	
oitic	Total no of each atom in R = Total no of each atom i	n P.
1	No of molecules a dod b	
-	But total no. of molecules / no. of moles / volumes of R	
- 1	may or may not be same as I have I III a militima	8
	Ho of moles & no of molecules of volume.	
II.	Law of Definite / constant proportion:	
		9
0	A compound prepared by whatever method / diff source	
	-> % of element = "constant / same. d = in	3
1.3	- mais ratio of atoms = constant / same :	
	-> In all samples, mars ratio 12 constant/same.	
	% element J	
-, -, -,	thought a stokele et auch	(II)
III.	law of nuttiple proportions: out x to to = 1	
	Ju.01	

	Fage No. Date
(II)	Find EF with move of element: moth to un never = n
~	301 X 2 2 3 10 E
1	n = wt
mitespi	
	No of molecules = DN $x = N = 6x 10^{23}$
W	Relation Between EF and MF:
16	NO OF VE
	$MF = (n) EF$ $n \longrightarrow integer$.
Ž ⁱ to.	
\square	Aind Ef from % of element:
Colu	/ Grown this is a
	element = / = simplest ratio, subsolum marp 1)
	(tapieu Atrut) (tariffit)
45	history and the second of the
•	(22.4 t) (110tecuto: tqaxiqa0tglaM
0	1 mole = 6 x 1023 atom/molecules / ions/e0/p/n/
-	1 smilitore promotive s
2	V
	O Trick to Lind terration colouder no ! n
13	Imole = Gram molecular weight of molecule.
	. A . C and one of oth constant by a walling and a CM
9	
	Volue = 6.8 Volue
<u>(E)</u>	1 mole = Atomic weight = one gram atom.
	1 mole = Molecular weight = one gram molecule.
6	n = 1 st
(E)	$n = \omega t$ $n = \omega t$ $n = given volume$
	Atomic wt molecular wt 22.4 L

Page No.

n = given no. of Atom: given not of molecule = 6×1023

• No. of atoms x = Depend on QuestionNo. of molecules $= nNx = N = 6 \times 10^{23}$ No. of Ions $n = moles \dots (V)$ No. of V.E

: troms

MF = (n) EF integer

1 gram atom

1 gram molecule (that the last of the las

Timore (Michine accigning

22.4 L) Molecular weight on

• stichemetry equations:

Trick to Find Learniting Reagent. — calculate no of moles

Value = E·R Value = L·R

Unate = Francic weight = one gram atoms

I mate = material weight = one gram meterates

Atomic cot molecular with the safet