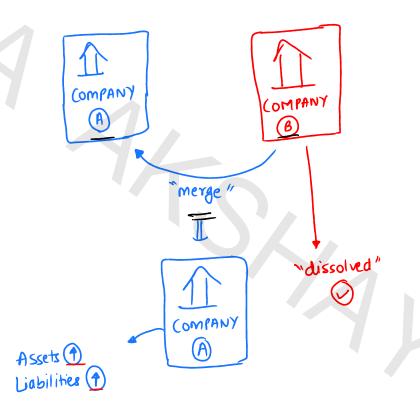
MERGERS & ACQUISITIONS

(M + A)



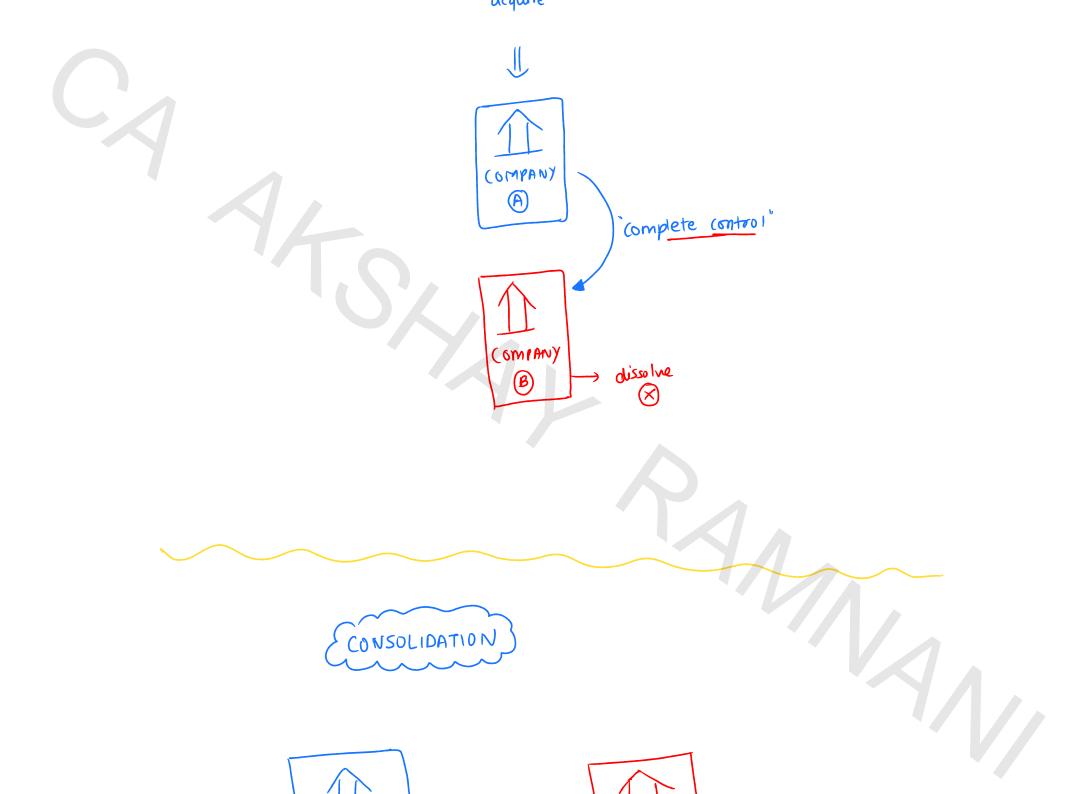


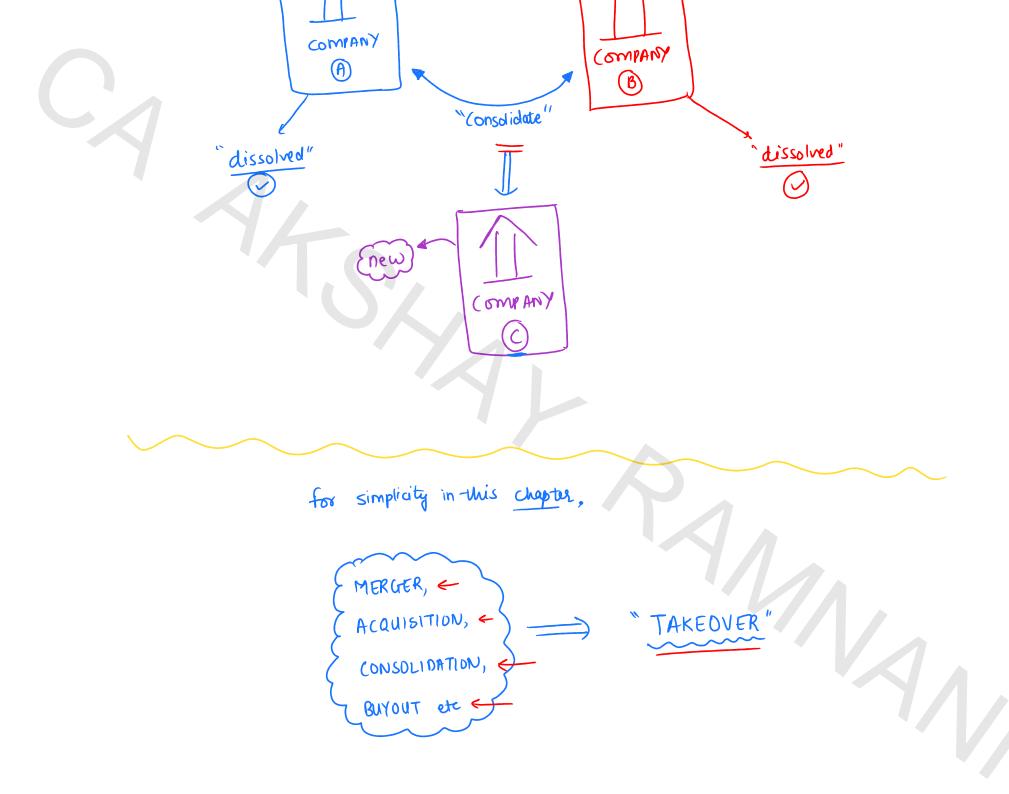
Note:

MERGER is also called AMALGAMATION

ACQUISITION







9 why Takeover?

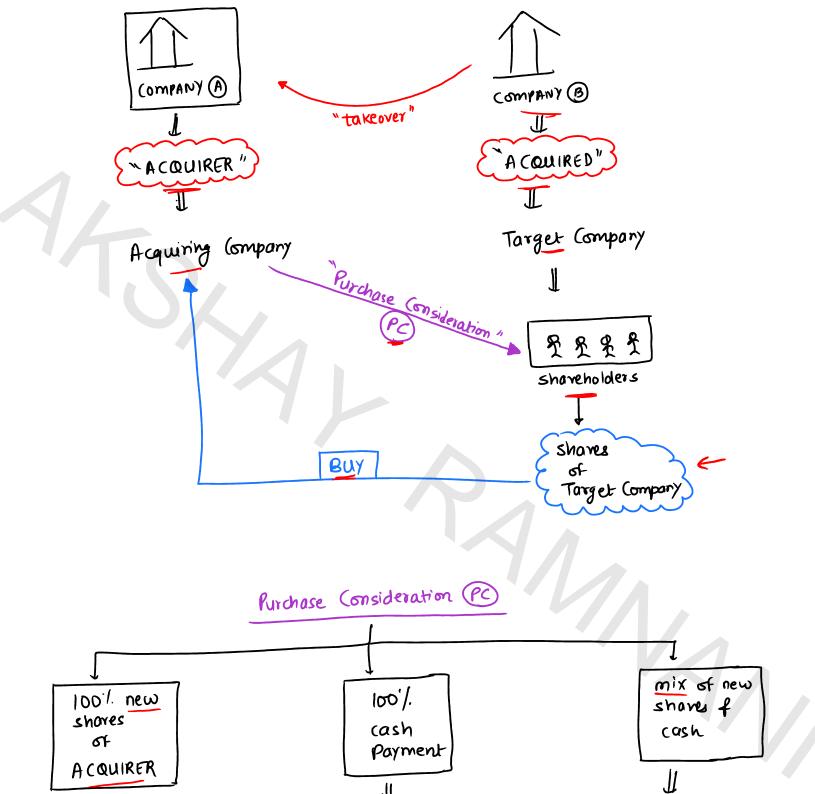
- → Diversification ←
- → Growth (instant) ←
- -> Eliminate competition leading to increased market share etc. -
- -> Taxation benefits etc -

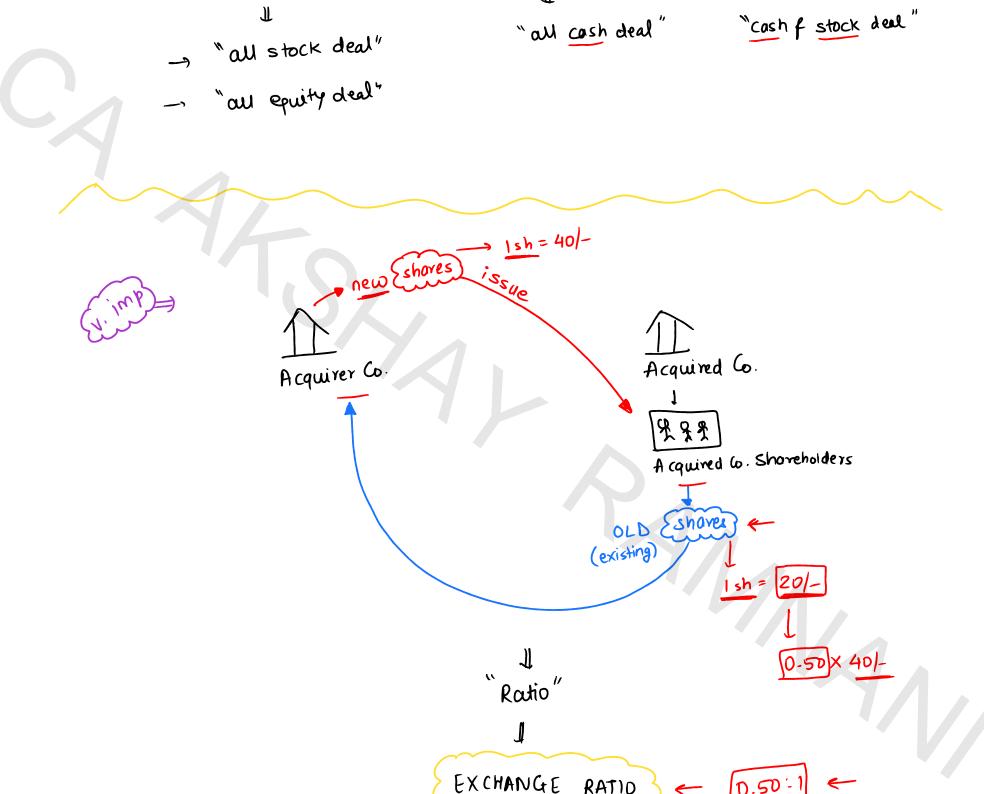
This leads to SYNERGY (9)

meaning:- In crease in Performance

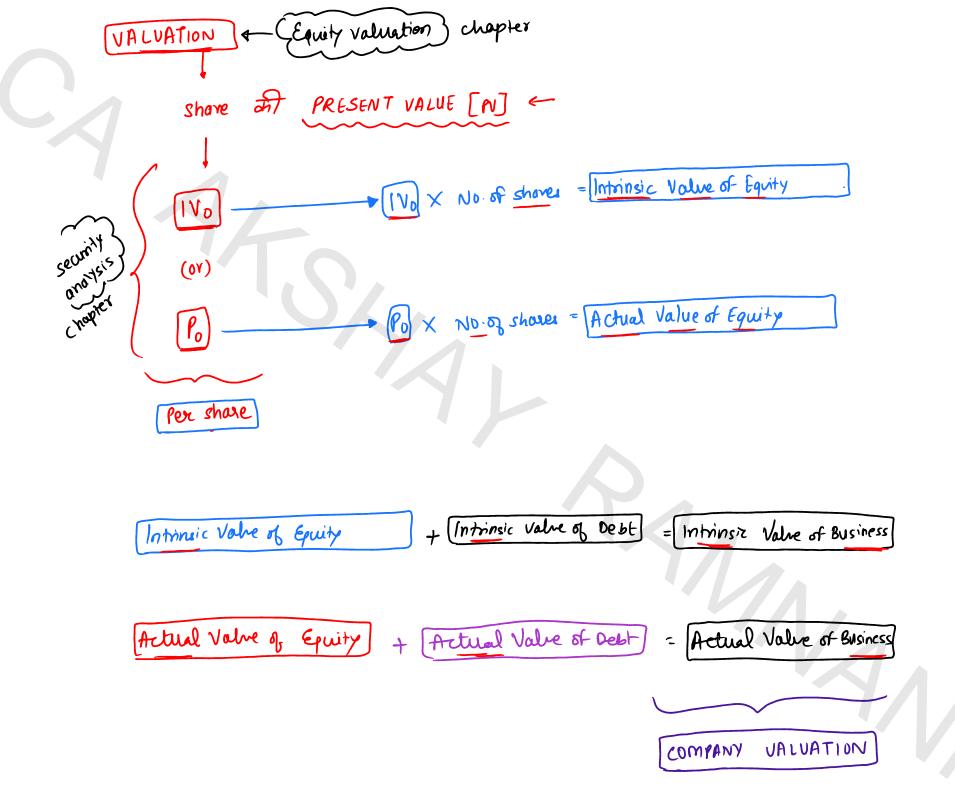
Performance of the formance of the formance of Company (B)

"उयारह" > "पुक ऑर पुक











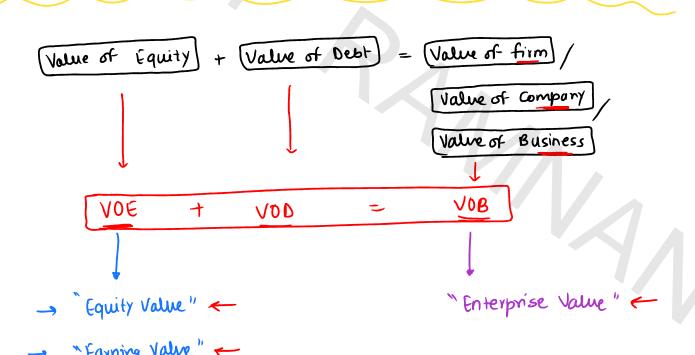
CORPORATE VALUATION

helpful fin

Mergers & Acquisition

(MfA)

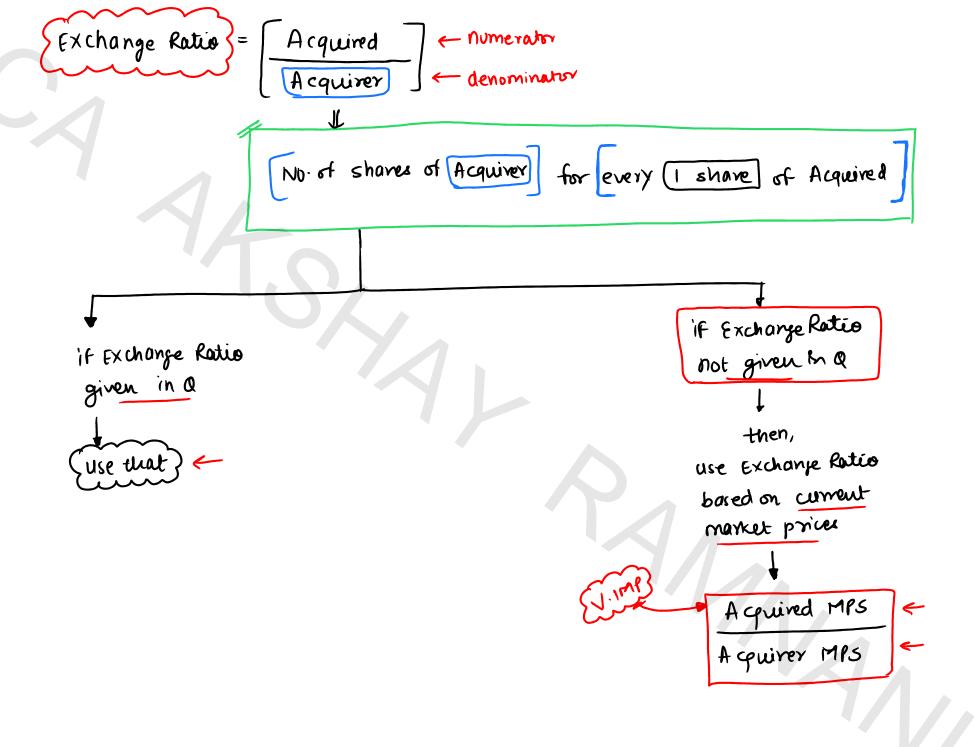
Chapter.



Note: Please revise the concepts of EDUITY, VALUATION, EPS taught by me in equity valuation chapter:

(BASICS)=

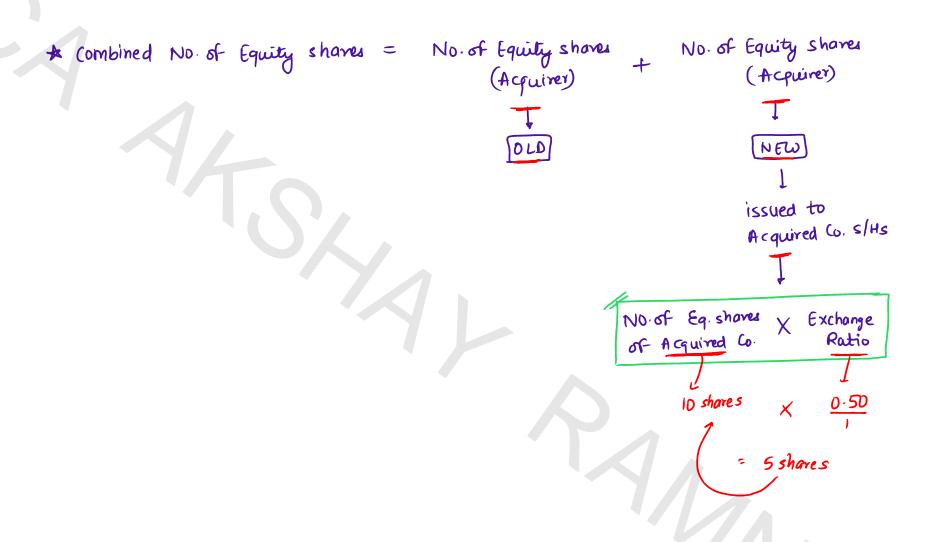
(PRE-MERGER) i.e. BEFORE MERGER		
Acquirer	A cquired.	
EPS = Acqr. EA for ESH Acqr. No. of eq. shares	EPS = Acqd. EA for ESH Acqd. No. of eq. shares	
mps ie market Price = $P/E \times EPS$ of share (Acqv)	$MPS = P/E \times EPS$ (Acqd.)	



POST-MERGER i.e. AFTER MERGER

TOSTOTICKADA	
Acquirer	Acquired (8)
EPS = (ombined. EA for ESH (Acqr)) Combined. No of Eq. shores	EPS = Exch. Ratio X EPS (Acqd) (Theoretical)
$\frac{\text{MPS}}{\text{(Acqr)}} = \underbrace{\begin{cases} P/E \\ \text{(Acqr)} \end{cases}}_{\text{(Acqr)}} \times \underbrace{\begin{cases} EPS \\ \text{(Acqr)} \end{cases}}_{\text{(Acqr)}}$	MPS = Exch. x MPS (Acqd) (Acqr) (Theoretical)
Note - if a silent, then assume	the P/E (A cgr) remains same

1 before and after



Loss of EARNIN GS

GAIN/LOSS DUE TO MERGER

Gain/Loss of (EARNINGS) due to merger:

EA for ESH

Particulars	Acquirer Co.	Acquired Co.
1) EA for ESH (before merger)	そ ン	Ŧ V
2 No. of Equity shaves (before merger)	v ep. sh.	✓ eq. sh. (acquired)
3 EPS (before nerger) [0/0]	Z Ø/eq.sh.	€ Ø /ep.sh.
(9 No. of Equity shores (9 ter merger)	eq. sh.	new Acquirer Eq. shares
(5) EPS (after merger)—(T-Table)	Z / leq.sh	(Actual)
6 EA for ESH (after medger)	チ ✓	₹ ✓

[4 × 5]		
Frain/Loss to Shoveholders [6 - 0]	き ン	₹∨ ()



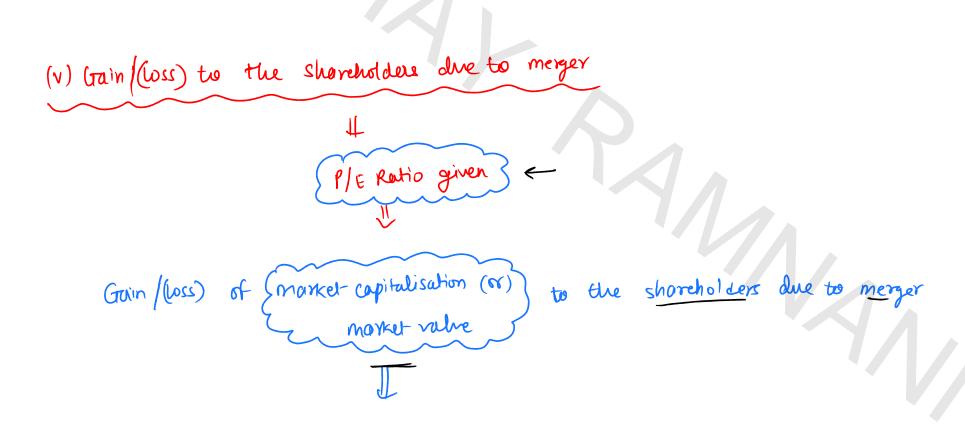
Here, use "Theoretical" EPS in case of Acquired Co.

Porticulars	A cquiver Co.	Acquired Co.	
1) EA for ESH (before merger)	そン	₹ ~	
2) NO of Equity shaves (before morger)	V eq. sh.	✓ eq. sh. (acquired)	
3 EPS (before merger) [0/2]	₹ Ø/ersh.	€ Ø /ep.sh.	
4) EPS (after merger)-{T-Table)	₹√[eq.sh.	₹ √/eq.sh. (Theoretical)	
5 impact on EPS :- Increase/(Decrease) in 1 pers	₹ Vleq.sh.	2 // ep.sh.	

Therefore,

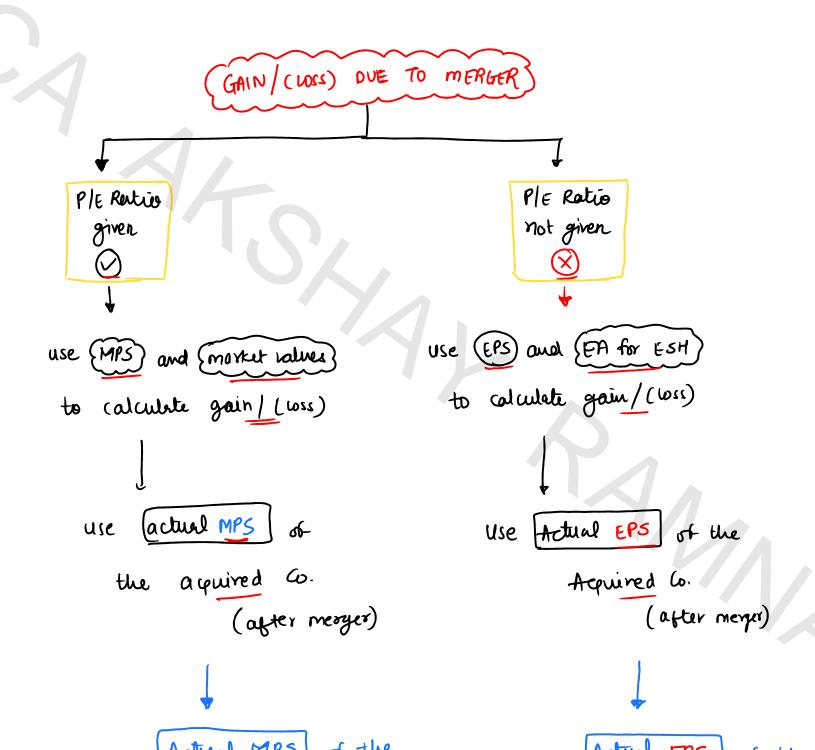


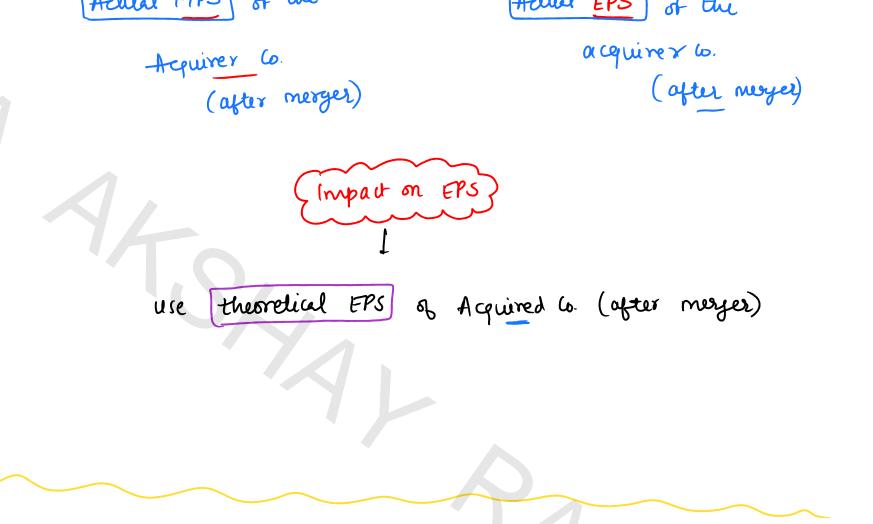
(Impact on EPS)
π
use Theoretical EPS for Acquired.
(after merger)

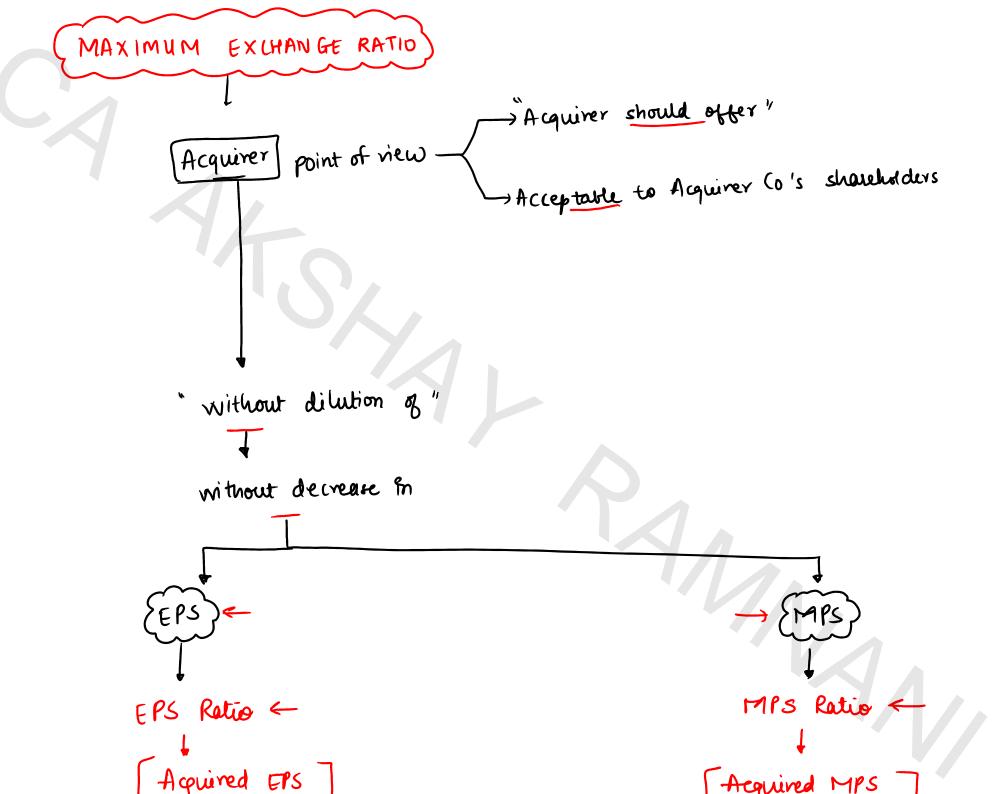


Particulars	Acquirer Co.	Acquired Co.
1) Market Value (before merger)	そ ✓	₹ ✓
2 No. of Equity shaves (before morger)	v ep. sh.	y eq. sh. (acquired)
3 MPS (before merger) [0/2]	₹ Ø/ersh.	₹ Ø /eq.sh.
1 No. of Equity shares (after merger)	versh.	new Acquirer Eq. shares
(S) MPS (after menger)-{T-Table}	₹ √ leq.sh.	≥ √/eq.sh. (Actual)
6 Market Value (after medger) [4 × 5]	~~	₹ ~
(7) Grain /(Loss) to Shoreholders [6]-0]	₹ V	ξV
(8) No. of Eq. shores (before merger) = 2 (imp)	ν ep.sh.	vep.sh.





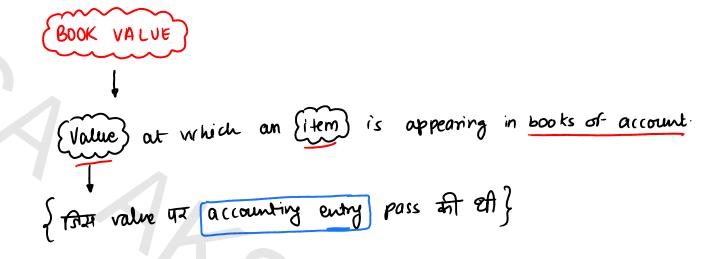




Acquirer EPS

- Acquirer MPS

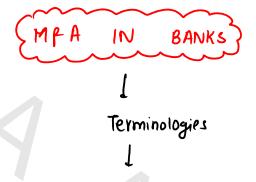
{ If Q silent, then use this }

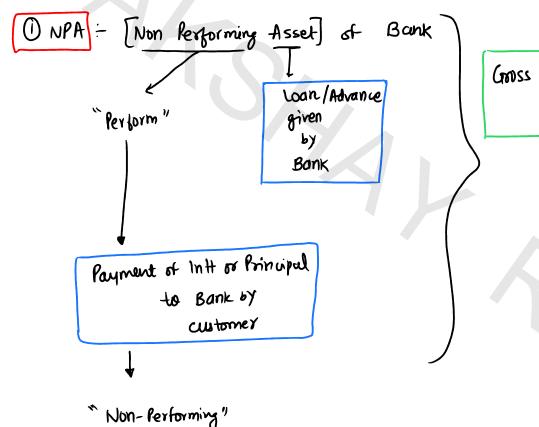


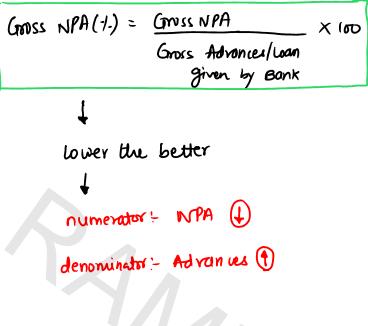
NOW

No of shores

Shareholder's tunds NO of share







non-payment of Interest or Principal Amount for > 90 DAYS from due date



1

capital) should be adequate to face losses

when there is NPA and wan cannot be rewrend, then

1

where,

Tier 2 Capital = Revaluation Reserve + Hybrid Securities etc [supplementary capital]

Risk weighted Assets =

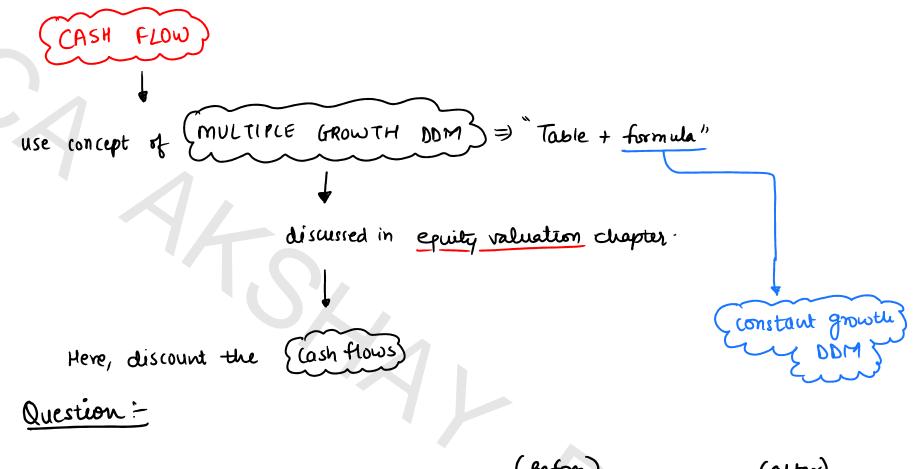
Asset	Risk	weight	Risk weighted Asset
J	high medium Low	90/. 50/. 10/.	∠ - - - -

Question -



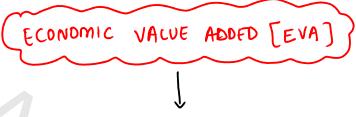
mps = Acquired mps =
$$\frac{712/\text{sh}}{\text{Acquirer mps}}$$
 = $\frac{712/\text{sh}}{296/\text{sh}}$ = $\frac{0.125:1}{296/\text{sh}}$

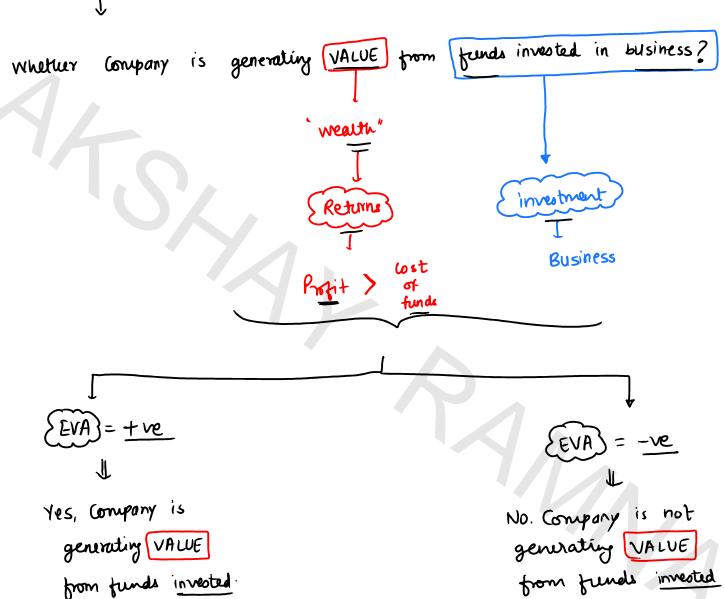
*	Particulars	Weak Bank	Strong Bank
MN:		(W)	(S)
(1)	Share Capital (₹ Lakhs)	150	500
2	Reserves & Surplus (₹ Lakhs)	80	5,500
		230	6,000
3	Less: Preliminary Expenses (₹ Lakhs)	50	
4	Net Worth or Book Value (₹ Lakhs)	180	6,000
(5)	No. of Outstanding Shares (Lakhs)	15	50
6	Book Value Per Share (₹) [④/⑤]	12	120



Given	Mithant wester	with merger
9= unitant after (t=5)	5/	6.7.
Coc = kc	157.	15 %

TABLE:





steps:

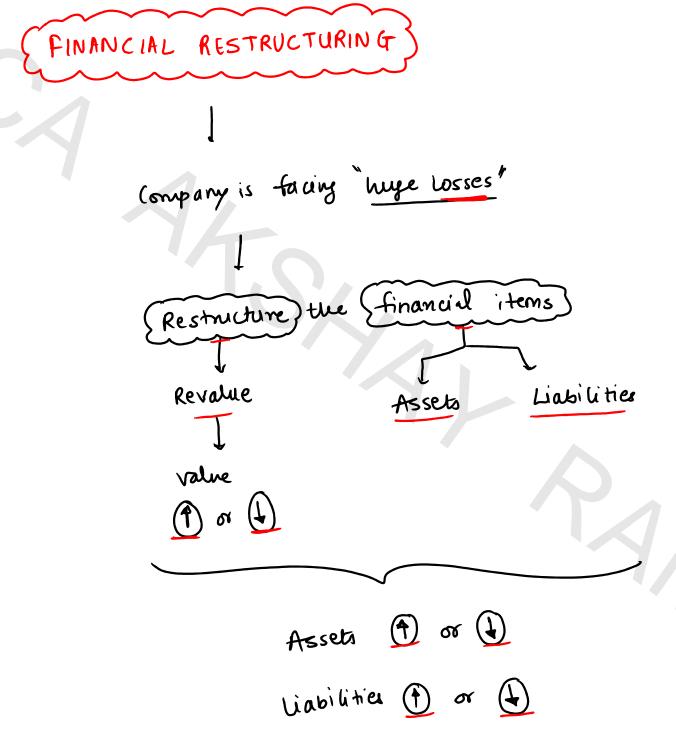
- 1 NOPAT [Net Operating PAT]
- 2 WACE [weighted Aug. Cost of Capital = Ko = Kc]
- 3 Total Capital Employed
- 4 EVA

I aloto -

implyore. Only when interest expense = 0, then PAT = NOPAT

MARKET VALUE ADDED (MVA)

= 1-1 × (8100m)

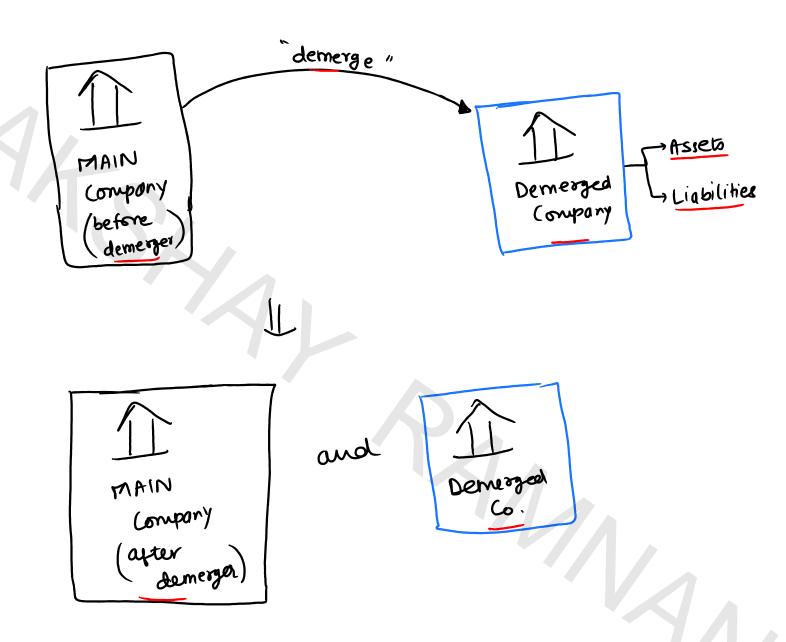


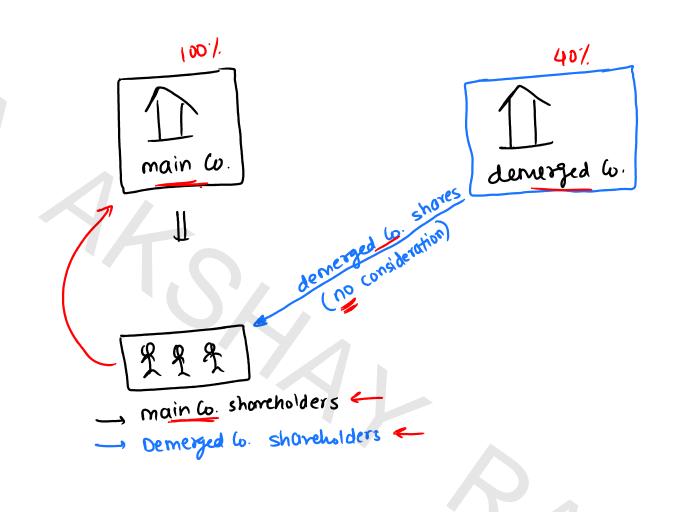


use (Accountancy) approach

- D Open Restructuring/Reconstruction H/C
 Pass Journal Entries
 - Prepare Restricturing A/C
 - Prepare Statement (for SFM purpose)









independent topics"

Question :



No of new acquirer shares =
$$\left[\frac{0.50}{1}\right] \times \left[\frac{10 \text{ l shares}}{(\text{acqd})}\right]$$

= $\left[\frac{5 \text{ l Shares}}{(\text{acqr})}\right]$

Combined No of Acpr share =
$$20L + 5L$$

- $25L$ share

shareholders

Enough Ltd shareholders

Doom 1td shareholders

Rescentage (1)

 $20L$
 $25L$
 $20L$
 $25L$
 $20L$
 $20L$

Market Value of Merged 6. = (mkt value of Acpr) + (mkt value of Acpr) + Synergy

NOW :-

Market Value of merged to held by Doom Itd Shareholders

₹290 L ←

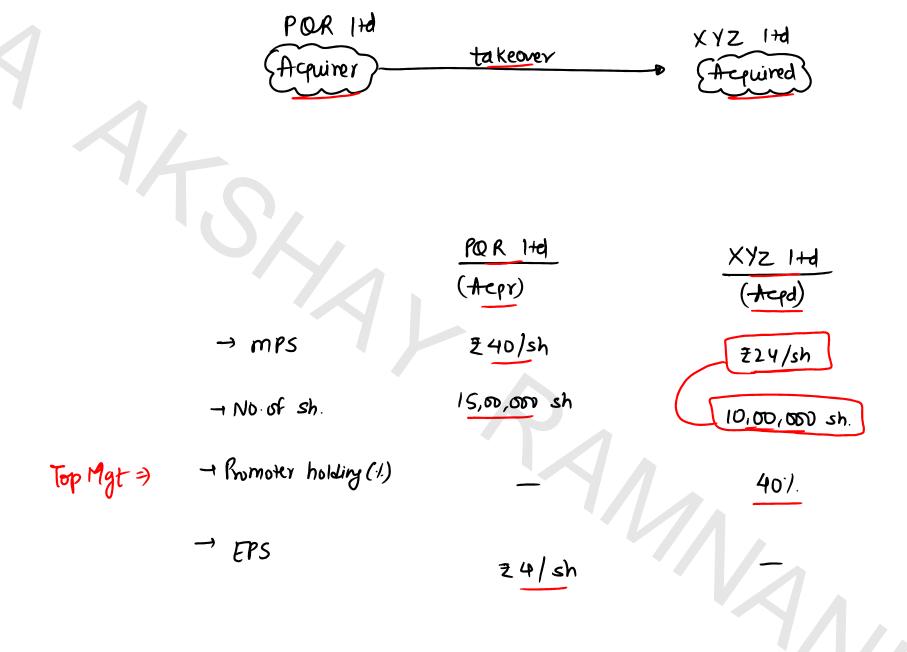
Doom 1td.
market value of Acquired Co. held by Doom Hd Shareholders

(7250L) (

True Cost of Merger for Elrona 14

+ E40L

Question:



(8) maximum once per sh. that Acpr can offer :

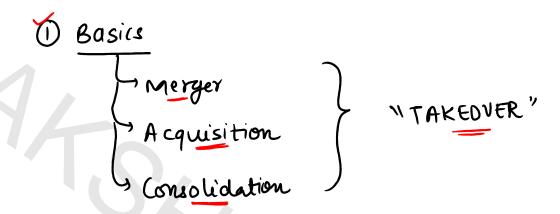
l <i>)</i>	Maximum	F	_ ~~~
· /_	- ~ ~		

Market Value (10,00,000 x ₹ 24) [Acquired] [Before merger]	₹ 2,40,00,000
Synergy Gain —	+ ₹ 80,00,000
Saving of Overpayment —	→ + ₹ 30,00,000
Maximum Market Value of Aquired = XYZ after meoger	₹ 3,50,00,000
Maximum Price (₹ 3,50,00,000/10,00,000) ←	₹ 35

(98) minimum price per share that "Acquired management" can accept:

Value of XYZ Ltd.'s Management Holding [Acquired] [Before merger] → (40% of 10,00,000 x ₹ 24)	₹ 96,00,000
Add: PV of loss of remuneration to top management	+ ₹ 30,00,000
Minimum Value of Acquired = XYZ Co's mgt shares	₹ 1,26,00,000
No. of Shares with management [40% x 10,00,000 sh]	4,00,000
Minimum Price (₹ 1,26,00,000/4,00,000)	₹ 31.50





- 2 Synergy
- 3 Purchase Consideration (PC)
- 4 Exchange Ratio
- Security analysis Equity Valuation Chapter chapter

- 6 T-Table
 Pre-merger
 Post merger
- (7) Gain/(wss) of (Earnings) due to meoger
- (B) Impact on EPS
- (9) Gain/(1015) of (market value) due to merger
- 10 Maximum Exchange Ratio
- 1 Book Value
- (12) Mf A in Banke
- (3) Cash flow
- (14) Dividend

- (15) Econonic Value Added [EVA] => (4) steps
 - (16) Market Value Added [MVA]
- (17) EVA Dividend
- (18) Financial Restructuring w/of losses P/L (Drba) => B/s
- 19 Demerger
- 20) Standalone questions