

COMPONENTS OF MARKET PRICE PER SHARE

QUESTION NO.6A(Exam Question)(12 Marks) Following are the statement for A Ltd. and B Ltd. for the current year. **Both the company operate in the same industry:**

Balance Sheets

| Particulars | A Ltd. | B Ltd. |
|-------------------------------|-------------------------|-------------------------|
| Total Current Assets | 14,00,000 | 10,00,000 |
| Total Fixed Assets (net) | <u>10,00,000</u> | <u>5,00,000</u> |
| Total | <u>24,00,000</u> | <u>15,00,000</u> |
| Equity Capital (of ₹ 10 each) | 10,00,000 | 8,00,000 |
| Retained Earnings | 2,00,000 | |
| 14% Long-term Debt | 5,00,000 | 3,00,000 |
| Total Current Liabilities | <u>7,00,000</u> | <u>4,00,000</u> |
| Total | <u>24,00,000</u> | <u>15,00,000</u> |

INCOME STATEMENT

| Particulars | A Ltd. | B Ltd. |
|----------------------------|------------------|------------------|
| Net sales | 34,50,000 | 17,00,000 |
| Less : Cost of Goods Sold | <u>27,60,000</u> | <u>13,60,000</u> |
| Gross Profit | 6,90,000 | 3,40,000 |
| Operating Expenses | 2,00,000 | 1,00,000 |
| Interest | <u>70,000</u> | <u>42,000</u> |
| Earnings Before Taxes | 4,20,000 | 1,98,000 |
| Taxes (50%) | <u>2,10,000</u> | <u>99,000</u> |
| Earnings after taxes (EAT) | <u>2,10,000</u> | <u>99,000</u> |

Additional Information :

| | | |
|------------------------------|----------|--------|
| Number of Equity Shares | 1,00,000 | 80,000 |
| Dividend Payment Ratio (D/P) | 40% | 60% |
| Market Price Per Share (MPS) | ₹ 40 | ₹ 15 |

Assume that the two company are in the process of negotiating a merger through an exchange of equity shares. You have been asked to assist in calculating equitable exchange terms, and are **required to-**

(i) Decompose share prices of both companies into EPS & P/E components, & also segregate their EPS figures into return on equity (ROE) & book value per share (BVPS) components.

(ii) Estimate future EPS growth rates for each firm.

(iii) Calculate the post-merger EPS based on an exchange ratio of 0.4:1 being offered by A Ltd. Indicate the immediate EPS accretion or dilution(i.e gain or loss), if any, that will occur for each group of shareholders.

(iv) Based on a 0.4:1 exchange ratio, and assuming that A's pre-merger P/E ratio will continue after the merger estimate the post-merger market price. Show the resulting accretion or dilution(i.e gain or loss) in pre-merger market price.

(v) Based on expected operating synergies A Ltd. estimates that the intrinsic value of B's equity share would be ₹ 20 per share on its acquisition . You are required to develop a range of justifiable equity share exchange ratio that can be offered by A Ltd. to B Ltd's shareholders. Based on your analysis in parts (i) and (ii) would you expect the negotiated terms to be closer to the upper, or the lower exchange ratio limits? Why?

or

Evaluate the justifiable equity share exchange ratios that can be offered by A Ltd. to the shareholder of B Ltd.

Hint: Assume A Ltd. Intrinsic Value to be equal to its Market Price.

***Patience, persistence and perspiration make an unbeatable combination for success.
Stars can't shine without darkness.***

Hint: Use MPS and Intrinsic Value as base.

Solution:

(i) For A Ltd.

Market Price Per Share(MPS)

Rs. 40

Earning Per Share(EPS)

$$\frac{\text{Earning After Tax}}{\text{No. of Equity Share}} = \frac{2,10,000}{1,00,000} = 2.10$$

Return on Equity (ROE)

$$\frac{\text{Earning After Tax}}{\text{Equity Shareholder's Fund}} = \frac{2,10,000}{\text{Equity Capital + Retained Earnings}} = \frac{2,10,000}{10,00,000 + 2,00,000} = .175$$

Price - Earning Ratio(PE Ratio)

$$\frac{\text{Market Price Per Share}}{\text{Earnings Per Share}} = \frac{40}{2.10} = 19.04$$

Book Value / Intrinsic Value Per Share

$$\frac{\text{Equity Share holder's Fund}}{\text{No. of Equity Shares}} = \frac{12,00,000}{100,000} = 12$$

For B Ltd.

Market Price Per Share

Rs. 15

Earning Per Share (EPS)

$$\frac{\text{Earning After Tax}}{\text{No. of Equity Share}} = \frac{99,000}{80,000} = 1.24$$

Return on Equity(ROE)

$$\frac{\text{Earning After Tax}}{\text{Equity Shareholder's Fund}} = \frac{99,000}{8,00,000} = .1237$$

Price - Earning Ratio (PE Ratio)

$$\frac{\text{Market Price Per Share}}{\text{Earnings Per Share}} = \frac{15}{1.24} = 12.12$$

Book Value / Intrinsic Value Per Share

$$\frac{\text{Equity Share holder Fund}}{\text{No. of Equity Shares}} = \frac{8,00,000}{80,000} = 10$$

(ii) Growth Rates in EPS

Retention Ratio (1 - D/P Ratio)

Growth Rate (ROE x Retention Ratio) i.e. b x r

A Ltd.

.6

$$.60 \times .175 = .105 = 10.5\%$$

B Ltd.

.4

$$.40 \times .1237 = .0495 = 4.95\%$$

(iii) Developing A Range Of Justifiable Equity Shares Exchange Ratio :

$$\text{Exchange Ratio based on Market Price} = \frac{\text{Market Price Per Share of B Ltd.}}{\text{Market Price Per Share of A Ltd.}} = \frac{15}{40} = .375 \text{ [Lower Limit]}$$

$$\text{Exchange Ratio based on Intrinsic Value} = \frac{\text{Intrinsic Value of B Ltd.}}{\text{Intrinsic Value of A Ltd.}} = \frac{20}{40} = .5 \text{ [Upper Limit]}$$

$$\therefore \text{Exchange Ratio (Lower to Upper Limit)} = .375 \text{ to } .50$$

| | <u>A Ltd.</u> | <u>B. Ltd.</u> |
|------------------|---------------|----------------|
| Pre Merger EPS | Rs. 2.10 | Rs. 1.2375 |
| Return on Equity | 17.5% | 12.375% |
| Growth Rate | 10.5% | 4.95% |

**A wrong decision can double your experience & Correct decision can double your confidence.
Don't worry in either case.! Always try the best..!!**

When B Ltd. is compared against A Ltd. from various angles, we find that comparative position of B Ltd. is poor. Hence, the shareholders of B will be offered an exchange ratio **nearer/closer to lower limit** i.e. .375.

(iv) Post Merger EPS when exchange ratio is .40:1 :
$$\frac{E_A + E_B}{N_A + N_B \times ER_B} = \frac{2,10,000 + 99,000}{1,00,000 + 80,000 \times .40} = 2.34$$

| <u>Accretion or Dilution in Merger EPS:</u> | <u>A Ltd.</u> | <u>B Ltd.</u> |
|---|---------------|-------------------------|
| Before Merger | 2.10 | 1.24 |
| After Merger | <u>2.34</u> | 2.34 x .4 = <u>.936</u> |
| Gain / (Loss) | <u>+ .24</u> | <u>- .304</u> |

(v) Post Merger Market Price when exchange ratio is 4:1 and when P/E Ratio after merger is given.
= P/E Ratio After Merger x EPS After Merger = 19.05 x 2.34 = 44.577

Accretion or Dilution in Pre-Merger Market Price

| | <u>A. Ltd.</u> | <u>B. Ltd.</u> |
|-------------------|----------------|-----------------------------|
| MPS Before Merger | 40 | 15 |
| MPS After Merger | <u>44.577</u> | 44.577 x .40 = <u>17.84</u> |
| Gain / (Loss) | <u>+ 4.57</u> | <u>+ 2.84</u> |

DEMERGER

QUESTION NO.15(Exam Question)(8 Marks) The following information is relating to Fortune India Ltd. having two division, viz. Pharma Division and Fast Moving Consumer Goods Division (FMCG Division). Paid up share capital of Fortune India Ltd. is consisting of 3,000 Lakhs equity shares of ₹ 1 each. Fortune India Ltd. decided to de-merge Pharma Division as Fortune Pharma Ltd. w.e.f. 1.4.2005. **Details of Fortune India Ltd. as on 31.3.2005 and of Fortune Pharma Ltd. as on 1.4.2005 are given below :**

| <u>Particulars</u> | <u>Fortune Pharma Ltd.</u> (₹) | <u>Fortune India Ltd.</u> (₹) |
|-----------------------------------|-----------------------------------|----------------------------------|
| <u>Outside Liabilities</u> | | |
| Secured Loans | 400 lakh | 3,000 lakh |
| Unsecured Loans | 2,400 lakh | 800 lakh |
| Current Liabilities & Provisions | 1,300 lakh | 21,200 lakh |
| <u>Assets</u> | | |
| Fixed Assets | 7,740 lakh | 20,400 lakh |
| Investments | 7,600 lakh | 12,300 lakh |
| Current Assets | 8,800 lakh | 30,200 lakh |
| Loans & Advances | 900 lakh | 7,300 lakh |
| Deferred Tax Asset | 60 lakh | - |
| Misc. Expenses Outstanding | - | (200) lakh |
| Hint: | | |
| Total Asset | 25,100 | 70,000 |
| Total Liability | <u>4,100 lakhs</u> | <u>25,000 lakhs</u> |
| NET WORTH OR SHAREHOLDER'S WORTH | <u>21,000</u> | <u>45,000</u> |

For that purpose following points are to be considered

1. Transfer of Liabilities & Assets at Book value.
2. Estimated Profit for the year 2005-06 is ₹ 11,400 Lakh for Fortune India Ltd. & ₹1,470 lakhs for Fortune Pharma Ltd.

Don't Think About What You Haven't Got..... " Think About What You Have Got & How To Use It" Good Morning & Stay Blessed

3. Estimated Market Price of Fortune Pharma Ltd. is ₹ 24.50 per share.

4. Average P/E Ratio of FMCG sector is 42 & Pharma sector is 25, which is to be expected for both the companies.

Calculate:

1. How many new no. of shares to be issued to new Company created on account of Demerger. What is the required Exchange Ratio ?

2. Expected Market price of Fortune (FMCG Division) India Ltd. After Demerger

3. Book Value per share of both the Companies immediately after Demerger.

Solution:

Working Notes :

1. Shareholders' funds

| Particulars | Fortune India Ltd. | Fortune Pharma Ltd. | Fortune India (FMCG) Ltd. |
|---------------------|--------------------|---------------------|---------------------------|
| Assets | 70,000 | 25,100 | 44,900 [bal. fig.] |
| Outside liabilities | 25,000 | 4,100 | 20,900 [bal. fig.] |
| Net worth | 45,000 | 21,000 | 24,000 [bal. fig.] |

Note: Assets = Fixed Asset + Investments + Current Assets + loans & Advances - Deferred Tax / Misc. Expenses

Note: Outside Liability = Secured Loans + Unsecured Loans + Current Liabilities & Provision

1. Calculation of shares of Fortune Pharma Ltd. which are to be issued to shareholders of Fortune India Ltd.

| | |
|---|-------|
| Estimated Profit (Rs. in lakhs) [Given] | 1,470 |
| Estimated Market Price (Rs.) [Given] | 24.5 |
| Estimated P/E [Given] | 25 |
| Estimated EPS [Rs.] | .98 |

$$\text{Total Number of shares which should be issued [in lakhs]} = \frac{\text{Estimated Profit}}{\text{EPS}} = \frac{1470}{.98} = 1,500$$

Hence 1 share should be issued to Fortune Pharma Ltd. for every 2 shares of Fortune India Ltd. Hence Ratio of Exchange is 1:2 i.e. 5

2. Expected Market Price of Fortune India Ltd.

| | |
|--|--------|
| Estimated Profit (Rs. in lakhs) | 11,400 |
| Number of Equity Shares (Rs. in lakhs) | 3,000 |
| Estimated EPS (Rs.) | 3.8 |
| Estimated P/E | 42 |
| Estimated Market Price (Rs.) | 159.6 |

3. Book Value Per Share

| | Fortune Pharma Ltd. | Fortune India (FMCG) Ltd. |
|------------------------------|---------------------|---------------------------|
| Net worth (Rs. in lakhs) | 21,000 | 24,000 |
| No. of shares (Rs. in lakhs) | 1,500 | 3,000 |
| Book Value of Shares | Rs. 14 | Rs. 8 |

CAPITAL ADEQUACY RATIO & GROSS NPA & PREPARATION OF BALANCE SHEET AFTER MERGER

QUESTION NO.20A (Exam Question) (11 Marks) Bank 'B' was established in 2005 and doing banking in India. The bank is facing DO OR DIE situation. There are problems of Gross NPA (Non Performing Assets) at 40% & CAR or CRAR (Capital Adequacy Ratio or Capital Risk Weight Asset Ratio) at 4%. The net worth of the bank is not good. Shares are not traded regularly. Last week, it was traded @ ₹ 8 per share. RBI Audit suggested that bank has

"Choice, not circumstances, determines your success."

"Success is a state of mind. If you want success, start thinking of yourself as a success."

either to liquidate or to merge with other bank. Bank 'A' is professionally managed bank with low gross NPA of 5%. It has Net NPA as 0% and CAR at 16%. Its share is quoted in the market @ ₹128 per share. The board of Directors of bank 'A' has submitted a proposal to RBI for take over of bank 'B' on the basis of share exchange ratio.

The Balance Sheet details of both the banks are as follows:

| | <u>Bank 'B'</u> | <u>Amt. In ₹</u> <u>Bank 'A'</u> |
|---------------------------------------|---------------------|-------------------------------------|
| Paid up share capital(Face Value ₹10) | 140 | 500 |
| Reserves & Surplus | 70 | 5,500 |
| Deposits | 4,000 | 40,000 |
| Other liabilities | <u>890</u> | <u>2 500</u> |
| Total Liabilities | <u>5,100</u> | <u>48,500</u> |
| Cash in hand & with RBI | 400 | 2,500 |
| Balance with other banks | - | 2,000 |
| Investments | 1,100 | 15,000 |
| Advances | 3,500 | 27,000 |
| Other Assets | <u>100</u> | <u>2 000</u> |
| Total Assets | <u>5,100</u> | <u>48,500</u> |

It was decided to issue shares at Book Value of Bank 'A' to the shareholders of Bank 'B'. [Hint: This line is of no use in the solution].

All assets and liabilities are to be taken over at Book Value.

For the swap ratio, weights assigned to different parameters are as follows:

| | | | |
|--------------|-----|------------|-----|
| Gross NPA | 30% | CAR | 20% |
| Market price | 40% | Book value | 10% |

- (a) What is the swap ratio based on above weights? (b) How many shares are to be issued?
(c) Prepare Balance Sheet after merger. (d) Calculate CAR & Gross NPA % of Bank 'A' after merger.

Solution:

(a) Swap Ratio

| | | | | |
|------------------------|----|-----|------|--|
| Gross NPA [A and B] | 5 | 40 | i.e. | $5/40 \times 30\% = 0.0375$ |
| CAR [B and A] | 4 | 16 | i.e. | $4/16 \times 20\% = 0.0500$ |
| Market Price [B and A] | 8 | 128 | i.e. | $8/128 \times 40\% = 0.025$ |
| Book Value [B and A] | 15 | 120 | i.e. | $15/120 \times 10\% = \underline{0.125}$ |

Thus for every share of Bank 'B' 0.125 share of Bank 'A' shall be issued.

(b) No. of equity shares to be issued: Rs. 140 lac / Rs. 10 x 0.125 = 1.75 lakhs shares

(c) Balance Sheet after Merger

Calculation of Capital Reserve

| | |
|------------------------|-----------------------|
| Book Value of Shares | Rs. 210.00 lac |
| Value of Shares issued | <u>Rs. 17.50 lac</u> |
| Capital Reserve | <u>Rs. 192.50 lac</u> |

| <u>Balance Sheet</u> | | <u>(Rs. lac)</u> | |
|-----------------------|-----------------|--------------------------|-----------------|
| Paid up Share Capital | 517.50 | Cash in Hand & RBI | 2900.00 |
| Reserves & Surplus | 5500.00 | Balance with other banks | 2000.00 |
| Capital Reserve | 192.50 | Investment | 16100.00 |
| Deposits | 44000 | Advances | 30500.00 |
| Other Liabilities | <u>3390.00</u> | Other Assets | <u>2100.00</u> |
| | <u>53600.00</u> | | <u>53600.00</u> |

**Failure is simply the opportunity to begin again, this time more intelligently.
There are those who dream and wish and there are those who dream and work.**

(d) Calculation CAR & Gross NPA % of Bank 'A' after merger

$$\text{CAR or CRWAR or Total Capital To Risk Weight Asset Ratio} = \frac{\text{Total Capital}}{\text{Risky Weighted Assets}}$$

| | <u>Bank B</u> | <u>Bank A</u> | <u>Merged</u> |
|-----------------------|---------------|---------------|---------------|
| CAR | 4% | 16% | |
| Total Capital | Rs. 210 lac | Rs. 6000 lac | Rs. 6210 lac |
| Risky Weighted Assets | Rs. 5250 lac | Rs. 37500 lac | Rs. 42750 lac |

$$\text{CAR After Merger} = \frac{\text{Rs.6210 Lakhs}}{\text{Rs.42750 Lakhs}} = 14.53\%; \text{GNPA Ratio} = \frac{\text{Gross NPA}}{\text{Gross Advance or Deposit Given By Bank}} \times 100$$

| | <u>Bank B</u> | <u>Bank A</u> | <u>Merged</u> |
|--------------|---|--|---------------|
| GNPA (Given) | 0.40 | 0.05 | |
| | $.40 = \frac{\text{Gross NPA}_R}{\text{Rs.3500 Lakhs}}$ | $.05 = \frac{\text{Gross NPA}_p}{\text{Rs.27000 Lakhs}}$ | |
| Gross NPA | Rs. 1400 lac | Rs. 1350 lac | Rs. 2750 lac |

CONCEPT OF BONUS SHARE & SPLIT SHARE

QUESTION NO.27 (Exam Question) The following information relating to the acquiring Company A Ltd. and the target Company B Ltd. are available. Both the Companies are promoted by Multinational Company, Trident Ltd. **The promoter's holding is 50% and 60% respectively in A Ltd. and B Ltd.:**

| | <u>A Ltd.</u> | <u>B Ltd.</u> |
|--------------------------------------|---------------|---------------|
| Share Capital (₹) | 200 lakh | 100 lakh |
| Free Reserves and Surplus (₹) | 800 lakh | 500 lakh |
| Paid up Value per share (₹) | 100 | 10 |
| Free Float Market Capitalisation (₹) | 400 lakh | 128 lakh |
| P/E Ratio (times) | 10 | 4 |

Trident Ltd. is interested to do justice to the shareholders of both the Companies. **For the swap ratio weights are assigned to different parameters by the Board of Directors as follows :**

Book Value: 25%; EPS (Earning per share): 50%; Market Price: 25%

(a) What is the swap ratio based on above weights ?

(b) What is the Book Value, EPS and expected Market price of A Ltd. after acquisition of B Ltd. (assuming P.E. ratio of A Ltd. remains unchanged and all assets and liabilities of B Ltd. are taken over at book value).

(c) **Calculate:** (i) Promoter's revised holding in the A Ltd. (ii) Free float market capitalization. (iii) Also calculate No. of Shares, Earning per Share (EPS) and Book Value (B.V.), if after acquisition of B Ltd., A Ltd. decided to: (1) Issue Bonus shares in the ratio of 1: 2; and (2) Split the stock (share) as ₹5 each fully paid.

Solution:

| | <u>A Ltd.</u> | <u>B Ltd.</u> |
|--------------------------------------|-------------------|------------------|
| (a) Calculation Of Swap Ratio | | |
| Share Capital | 200 Lakh | 100 Lakh |
| Free Reserves | <u>800 Lakh</u> | <u>500 Lakh</u> |
| Total | 1000 Lakh | 600 Lakh |
| No. of Shares | $\frac{200}{100}$ | $\frac{100}{10}$ |
| | = 2 Lakh | = 10 Lakh |

Hard work is a investment. The more you invest in terms of hard work, more is the profit you earn in terms of success. You never suffer from a money problem, you always suffer from an idea problem

| | | |
|--|--------------------|--------------------|
| Book Value per share | ₹ 500 | ₹ 60 |
| Promoter's holding | 50% | 60% |
| Non promoter's holding [i.e. Public Holding] | 50% | 40% |
| Free Float Market Cap. i.e. relating to Public's holding | 400 Lakh | 128 Lakh |
| Hence Total market Cap. | $\frac{400}{50\%}$ | $\frac{128}{40\%}$ |
| | = 800 Lakh | = 320 Lakh |
| No. of Shares | 2 Lakh | 10 Lakh |
| Market Price | ₹ 400 | ₹ 32 |
| P/E Ratio | 10 | 4 |
| EPS | 40 | 8 |

Calculation of Swap Ratio

| | | |
|--------------|-------------------------|---------------------------------------|
| Book Value | $\frac{60}{500} = 0.12$ | $0.12 \times 25\% = 0.03$ |
| EPS | $\frac{8}{40} = 0.2$ | $0.20 \times 50\% = 0.10$ |
| Market Price | $\frac{32}{400} = 0.08$ | $0.08 \times 25\% = \underline{0.02}$ |
| Total | | <u>0.15</u> |

Swap ratio is for every one share of B Ltd., to issue 0.15 shares of A Ltd.
Hence total no. of shares to be issued = 10 Lakh x 0.15 = 1.50 lakh shares

(b) Calculation Of Book Value , EPS & Market Price After Merger

Book Value

| | |
|----------------------|--|
| Total No of Shares | 2 Lakh + 1.5 Lakh = 3.5 Lakh |
| Total Capital | 2 Lakhs x 100 + 1.5 Lakhs x 100 = ₹ 200 Lakh + ₹ 150 Lakh = ₹ 350 Lakh |
| Reserves | ₹ 1,250 Lakh (see working notes) |
| Book Value Per Share | (₹ 350 Lakh + ₹ 1250 Lakh)/3.5 Lakh = ₹ 457.14 per share |

EPS: Total No.of Share = 3.5 Lakh; Total Profit = ₹ 80 Lakh + ₹ 80 Lakh = ₹ 160Lakh; Therefore EPS = **₹ 45.71**

Market Price: Expected Market Price = EPS (₹ 45.71) x P/E Ratio (10) = **₹ 457.10**

[Note: It is written that PE Ratio after merger will remain same]

(c)(1)Promoter's Revised Holding

| | | |
|----------------|----------|--|
| A | 50% i.e. | 1.00 Lakh shares (2 lakhs x 50%) |
| B | 60% i.e. | <u>0.90 Lakh shares</u> (1.5 lakhs x 60%) |
| Total | | <u>1.90 Lakh shares</u> |
| Promoter's % = | | $1.90/3.5 \times 100 = 54.29\%$ |

(2)Free Float Market Capitalisation: = (3.5 Lakh – 1.9 Lakh) x ₹ 457.10 = ₹ 731.36 Lakh

(3)Two activities are happening one by one:

First Issue Of Bonus Shares: Existing No. Of Shares After Merger = 3.50,000 shares

No. of Shares After Bonus = 3,50,000 + 3,50,000 x $\frac{1}{2}$ = 525000 shares

**1 tree makes 1 lakh matchsticks..But 1 Matchstick can burn 1 lakh trees..
MORAL- 1 Negative thought can burn all positive thoughts!So be positive in life!!**

Next: Split Share [Face Value ₹ 5 each]...It means that for every 1 share of 100 Face Value, Company will issue 20 shares of ₹ 5 each.

$$\text{No. Of Shares After Split} = 525000 \times 20 = 105,00,000 \text{ shares; Therefore Now Revised EPS} = \frac{160,00,000}{105,00,000} = 1.523$$

$$\text{Revised Book Value Per Share} = \frac{\text{Revised Equity Share Capital} + \text{Revised Reserve (Refer Working Notes)}}{\text{Revised No. Of Equity Shares}}$$

$$= \frac{105,00,000 \times 5 + (1250,00,000 + 175,00,000)}{105,00,000} = 15.238 \text{ per share}$$

Note: It may be noted that when Bonus Shares are issued Reserve are decreased and Equity Share Capital is increased. Decrease in Reserve $3,50,000 \times 1/2 \times 100$

Working Note: Calculation Of Reserve After Merger

Before Merger:

A Ltd.

Liability

Equity Share Capital 200 Lakhs
Reserves 800 Lakhs
Total 1100 Lakhs

Asset

Assets 1000 Lakhs
1000 Lakhs

B Ltd.

Liability

Equity Share Capital 100 Lakhs
Reserves 500 Lakhs
Total 600 Lakhs

Asset

Assets 600 Lakhs
600 Lakhs

After Merger:

Liability

Equity Share Capital 350 Lakhs
₹ 200 lakhs + 150 lakhs
Reserves (Bal Fig) 1250.00 Lakhs
Total 1600 Lakhs

Asset

Assets 1600 Lakhs
1600 Lakhs

DIVESTITURE

The Divestiture means the sale or disposition of certain company's assets or a business unit which is not performing well and is disposed of either through closure, sale or bankruptcy.

QUESTION NO.32 The Managing Director of MS Stones divisions of home interiors products, recently, due to economic slowdown, expressed its desire to divest its ceramic tile business. **The relevant details of this business are as follows:** Estimated Pre Tax Cash Flow Next Year = ₹ 200 Crore; Book Value of Liabilities = ₹ 780 Crore

In an order to increase its share in the ceramic tile market, the **Tripati Tiles Ltd.[A Ltd.]** showed its interest in the acquisition of this unit and **offered** a proceed of ₹ 950 Crore for the same to MS Stones.

The other data pertaining to the business are as follows: Tax Rate 30%; Growth Rate 4%; Applicable Discount Rate for Tile Business 12% ; If market value of liabilities are ₹ 40 Crore more than book value, **you are required to** advice MD whether she should go for divestiture of the tile business or not.

Solution:

Hint: MS Stones is B Ltd. i.e Target Firm & Tripati Tiles Ltd. is A Ltd. i.e Acquiring Firm

*Be grateful that you don't have everything you want...
That means you still have an opportunity to be happier than you are today!!!*

(a) First of all we shall compute PV of Cash Inflows as follows:

Present Value Of Cash Inflow = $200 \text{ crore} (1 - 0.30) / 0.12 - 0.04 = ₹ 1750 \text{ Crore}$

Market Value of Liabilities (Present Value Of Cash Outflow) = ₹ 780 Crore + ₹ 40 Crore = ₹ 820 Crore

Net Asset (Present) Value = ₹ 1750 Crore - ₹ 820 Crore = ₹ 930

Decision: Since, the Tripati Tiles is offering ₹ 950 Crore, more than Net Asset (Present) Value of ₹ 930 Crore, the company should go further with decision of divestiture of tile business.

*Efforts are never wasted even when they lead to disappointing results.
Because they always make us more experienced.*

