## CHAPTER 5

## Solved Problems

P.5.7 The chief executive of a plastic manufacturing company has reviewed the annual financial statements for the current year and is unable to determine from a reading of the balance sheet the reasons for the changes in cash during the year. He asks you for assistance and presents the following balance sheets of the Hypothetical Ltd.

| Particulars | Previous year <br> March 31 | Current year <br> March 31 | Increase <br> (Decreases) |
| :--- | ---: | ---: | ---: |
| Assets: |  |  |  |
| Goodwill | Rs $1,00,000$ | $($ Nil) | Rs (1,00,000) |
| Buildings | $2,80,000$ | Rs $4,05,000$ | $1,25,000$ |
| Land | 75,000 | 70,000 | $(5,000)$ |
| Machinery | $1,00,000$ | $1,65,000$ | 65,000 |
| Tools | 35,000 | 20,000 | $(15,000)$ |
| Trade investments | 7,500 | 9,000 | 1,500 |
| Inventories | $1,09,000$ | $1,05,000$ | $(4,000)$ |
| Sundry debtors | 46,000 | 90,000 | 44,000 |
| Bills receivable | 13,500 | 10,500 | $(3,000)$ |
| Cash in hand | 4,500 | 1,000 | $(3,500)$ |
| Unexpired insurance | 700 | 600 | $(100)$ |
| Unamortised discount on debentures | 1,250 | 1,050 | $(200)$ |
|  | $7,72,450$ | $8,77,150$ | $1,04,700$ |
| Liabilities: |  |  |  |
| Equity share capital | $2,00,000$ | $3,50,000$ | $1,50,000$ |
| Debentures | 50,000 | 75,000 | 25,000 |
| Sundry creditors | 26,000 | 29,000 | 3,000 |
| Bank overdraft | - | 4,000 | 4,000 |
| Bills payable | 5,000 | 4,500 | $(500)$ |
| Bank loans (short-term) | 3,400 | 750 | $(2,650)$ |
| Accrued taxes | 1,500 | 2,500 | 1,000 |
| Accrued interest | 3,000 | 5,000 | 2,000 |
| Allowance for doubtful accounts | 1,150 | 1,100 |  |
| Accumulated depreciation | 9,500 | $1,35,600$ | 45,100 |
| Retained earnings | $3,91,900$ | $2,68,550$ | $(1,23,350)$ |
|  | $7,72,450$ | $1,04,700$ |  |

## Additional Information:

(i) There were no purchases or sales of tools.
(ii) Equity shares were issued at a discount of 10 per cent.
(iii) Old machinery that cost Rs.2,250 was scrapped and written off the books. Accumulated depreciation on such equipment was Rs 1,650.
(iv) The income statement for the current year is:

| Sales (net) | Rs $6,25,000$ |
| :--- | ---: |
| Less:Expenses: |  |
| Operating charges: | $1,25,000$ |
| Materials and supplies | $1,05,000$ |
| Direct labour | 90,750 |
| Manufacturing overhead | 61,750 |
| Depreciation | $1,22,500$ |
| (Contd.) | $1,15,000$ |
| Selling expenses | 3,750 |
| General expenses | $1,00,000$ |
| Interest expenses | 5,000 |
| Unusual items: | 600 |
| Writing off of goodwill | $7,44,350$ |

You are required to prepare cash flow statement based on AS-3.

## Solution

## Cash Flow Statement of Plastic Manufacturing Company

 for the Current Year (Indirect method)| Particulars |  | Amount |
| :---: | :---: | :---: |
| Cash flow from operating activities: |  |  |
| Net loss | Rs (1,19,350) |  |
| Adjusted for |  |  |
| Depreciation | 61,750 |  |
| Interest expenses | 3,750 |  |
| Writing off of goodwill | 1,00,000 |  |
| Writing off of land | 5,000 |  |
| Loss on machinery | 600 |  |
| Discount on issue of shares | 15,000 |  |
| Amortisation of discount on debentures | 200 |  |
| Operating profit before working capital changes | 66,950 |  |
| Adjusted for changes in working capital: |  |  |
| Decrease in inventories | 4,000 |  |
| Increase in sundry debtors | $(44,000)$ |  |
| Decrease in bills receivable | 3,000 |  |
| Decrease in unexpired insurance | 100 |  |
| Increase in creditors | 3,000 |  |
| Increase in bank overdraft | 4,000 |  |
| Decrease in bills payable | (500) |  |
| Decrease in bank loans (short-term) | $(2,650)$ |  |
| Increase in accrued taxes | 1,000 |  |
| Allowance for doubtful debts | 1,100 |  |
| Net cash from operating activities |  | Rs 36,000 |
| Cash flow from investing activities: |  |  |
| Purchase of machine (1) | $(67,250)$ |  |
| Purchase of building | $(1,25,000)$ |  |
| Purchase of trade investments | 1,500 |  |
| Net cash used in investing activities |  | 1,93,750 |
| Cash flow from financing activities: |  |  |
| Proceeds from issue of equity shares | 1,35,000 |  |
| Proceeds from issue of debentures | 25,000 |  |
| Interest paid (2) | $(1,750)$ |  |
| Dividend paid (3) | $(4,000)$ |  |
| Net cash from financing activities |  | 1,54,250 |
| Net decrease in cash and cash-equivalents |  | $(3,500)$ |
| Cash and cash equivalents at the beginning of current year |  | 4,500 |
| Cash and cash equivalents at the end of current year |  | 1,000 |

## Working $\mathcal{N}$ otes

1. Purchase of Machine

Machinery at beginning of the year Rs 1,00,000
Less scrap value of machine 2,250

Closing balance of machine $\quad 1,65,000$
Difference represents purchase of machine* 67,250
2. Interest paid

Accrued interest at the beginning of year 3,000
Interest due during the year 3,750*
$\begin{array}{ll}\text { Less accrued interest at the end of the year } & 5,000\end{array}$
Interest paid 1,750
*Interest expenses are (Rs 1,750 paid + Payable, Rs 2,000). In operating activities, Rs 3,750 has been adjusted in determining figure of operating profit before working capital changes. Increase in accrued interest of Rs 2,000 (Rs $5,000-$ Rs 3,000 ) is not adjusted subsequently as it would have added more to cash flow by Rs 2,000 .
(to avoid double counting).
3. Determination of dividend amount:

Balance of retained earnings 31st March, previous year Rs 3,91,900
Less: Net loss of current year
1,19,350
2,72,550
However, the balance of retained earnings as on December 31, current year is Rs 2,68,550, that is, Rs 4,000 less. In the absence of any other information, this amount is assumed to have been paid as dividends to equityholders.
P.5.8 The following are the summarised balance sheets of Hypothetical Ltd. as at March 31 for the two consecutive years 1 and 2 . Prepare CFS as per AS-3.
(Rs in thousand)

| Particulars | Year 2 | Year 1 |
| :--- | ---: | ---: |
| Assets |  |  |
| Cash on hand and balances with banks | 200 | 25 |
| Short-term investments | 670 | 135 |
| Sundry debtors | 1,700 | 1,200 |
| Interest receivable | 100 | - |
| Inventories | 900 | 1,950 |
| Long-term investments | 2,500 | 2,500 |
| Fixed assets at cost |  | 1,910 |
| Accumulated depreciation | 2,180 | $(1,060)$ |
| Fixed assets (net) | $(1,450)$ |  |
| Total assets |  |  |
| Liabilities |  |  |
| Sundry creditors | 150 | 850 |
| Interest payable | 230 | 6,660 |
| Income taxes payable | 1,110 |  |
| Long-term debt | 1,890 | 1,890 |
| Total liabilities |  | 100 |
| Shareholders' Funds | 1,500 | 1,000 |
| Share capital | 3,410 | 1,040 |
| Reserves | 4,910 | 4,030 |
| Total shareholders' funds | 6,800 | 1,250 |
| Total liabilities and shareholders' funds |  | 1,380 |

## Statement of Profit and Loss

for the year 2 ended March 31 (Rs '000)

| Sales | 30,650 |
| :--- | ---: |
| Cost of sales | $(26,000)$ |
| Gross profit | 4,650 |
| Depreciation | $(450)$ |
| Administrative and selling expenses | $(910)$ |
| Interest expense | $(400)$ |
| Interest income | 300 |
| Dividend income | 200 |
| Foreign exchange loss | $(40)$ |
| Net profit before taxation and extraordinary item | 3,350 |
| Extraordinary item-Insurance proceeds from earthquake disaster settlement | 180 |
| Net profit after extraordinary item | 3,530 |
| Income-tax | $(300)$ |
| Net profit | 3,230 |

## Additional information (Rs in thousand)

(i) An amount of 250 was raised from the issue of share capital and a further 250 was raised from longterm borrowings.
(ii) Interest expense was 400 of which 170 was paid during the period. 100 relating to interest expense of the prior period was also paid during the period.
(iii) Dividends paid were 1,200.
(iv) Tax deducted at source on dividends received (included in the tax expense of 300 for the year) amounted to 40 .
(v) During the period, the enterprise acquired fixed assets for 350 . The payment was made in cash.
(vi) Plant with original cost of 80 and accumulated depreciation of 60 was sold for 20.
(vii) Foreign exchange loss of 40 represents the reduction in the carrying amount of a short-term investment in foreign-currency designated bonds arising out of a change in exchange rate between the date of acquisition of the investment and the balance sheet date.
(viii) Sundry debtors and sundry creditors include amounts relating to credit sales and credit purchases only.
Solution

## Direct Method Cash Flow Statement <br> (Rs '000)

| Cash flows from operating activities |  |  |
| :--- | ---: | :--- |
| Cash receipts from customers | 30,150 |  |
| Cash paid to suppliers and employees | $(27,600)$ |  |
| Cash generated from operations | 2,550 |  |
| Income taxes paid | $(860)$ |  |
| Cash flow before extraordinary item | 1,690 |  |
| Proceeds from earthquake disaster settlement | 180 |  |
| Net cash from operating activities |  |  |
| Cash flows from investing activities | $(350)$ |  |
| $\quad$ Purchase of fixed assets | 20 |  |
| Proceeds from sale of equipment | 200 |  |
| Interest received | 160 |  |
| Dividends received |  |  |
| Net cash from investing activities | 250 |  |
| Cash flows from financing activities | 250 |  |
| Proceeds from issuance of share capital | $(180)$ |  |
| Proceeds from long-term borrowings |  |  |
| Repayment of long-term borrowings | $(270)$ |  |
| Contd.) | $(1,200)$ |  |
| Interest paid |  |  |
| Dividends paid |  |  |
| Net cash used in financing activities |  |  |
| Net increase in cash and cash equivalents |  |  |
| Cash and cash equivalents at beginning of period (see Note 1) |  |  |
| Cash and cash equivalents at the end of period (see Note 1) |  |  |


| Indirect Method Cash Flow Statement | (Rs '000) |  |
| :--- | ---: | ---: |
| Cash flows from operating activities |  |  |
| Net profit before taxation, and extraordinary item | 3,350 |  |
| Adjustments for: | 450 |  |
| Depreciation | 40 |  |
| Foreign exchange loss | $(300)$ |  |
| Interest income | $(200)$ |  |
| Dividend income | 400 |  |
| Interest expense | 3,740 |  |
| Operating profit before working capital changes | $(500)$ |  |
| Increase in sundry debtors | 1,050 |  |
| Decrease in inventories | $(1,740)$ |  |
| Decrease in sundry creditors | 2,550 |  |
| Cash generated from operations | $(860)$ |  |
| Income taxes paid | 1,690 |  |
| Cash flow before extraordinary item | 180 |  |
| Proceeds from earthquake disaster settlement |  |  |
| Net cash from operating activities | $(350)$ |  |
| Cash flows from investing activities: | 200 |  |
| Purchase of fixed assets | 200 |  |
| Proceeds from sale of equipment | 160 |  |
| Interest received | 250 |  |
| Dividends received | 250 |  |
| Net cash from investing activities | $(180)$ |  |
| Cash flows from financing activities | $(270)$ |  |

Interest paid
Dividends paid
Net cash used in financing activities
Net increase in cash and cash equivalents
Cash and cash equivalents at beginning of period (see Note 1) 160
Cash and cash equivalents at end of period (see Note 1)
Notes to the cash flow statement (direct method and indirect method)

1. Cash and cash-equivalents

Cash and cash equivalents consist of cash on hand and balances with banks, and investments in money-market instruments. Cash and cash-equivalents included in the cash flow statement comprise the following balance sheet amounts.

|  | Year 2 | Year 1 |
| :--- | ---: | ---: |
| Cash on hand and balances with banks | Rs 200 | Rs 25 |
| Short-term investments | 670 | 135 |
| Cash and cash-equivalents | 870 | 160 |
| Effect of exchange rate changes | 40 | - |
| Cash and cash equivalents as restated | 910 | 160 |

Cash and cash-equivalents at the end of the period include deposits with banks of 100 held by a branch which are not freely remissible to the company because of currency exchange restrictions. The company has undrawn borrowing facilities of 2,000 of which 700 may be used only for future expansion.
2. Total tax paid during the year (including tax deducted at source on dividends received) amounted to 900.

Alternative Presentation (indirect method):
As an alternative, in an indirect method cash flow statement, operating profit before working capital changes is sometimes presented as follows:

| Revenues excluding investment income | Rs 30,650 |  |  |  |
| :--- | :--- | ---: | :---: | :---: |
| Operating profit before working capital changes | Operating expense excluding depreciation | $(26,910)$ <br> Rs 3,740 |  |  |

## $\mathcal{W}$ orking $\mathcal{N}$ otes

(Figures in Rs '000)

1. Cash receipts from customers

Sales 30,650
$\begin{array}{ll}\text { Add: Sundry debtors at the end of the year } & 1,200\end{array}$
Less: Sundry debtors at the end of the year 1,700
30,150
2. Cash paid to suppliers and employees
Cost of sales

Administrative and selling expenses 910

| Add: Sundry creditors at the beginning of the year | 1,890 | 26,910 |
| :--- | ---: | ---: |
| Inventories at the end of the year | 900 | 2,790 |
| Less: Sundry creditors at the end of the year | 150 | 29,700 |
| Inventories at the beginning of the year | 2,100 |  |
|  | 27,600 |  |

3. Income taxes paid (including tax deducted at source from dividends received)

Income tax expense for the year (including tax deducted at source from dividends received)
$\begin{array}{ll}\text { Add: Income tax liability at the beginning of the year } & \text { 1,000 }\end{array}$
Less: Income tax liability at the end of the year 400
Out of 900, tax deducted at source on dividends received (amounting to 40) is included in cash flows from investing activities and the balance of 860 is included in cash flows from operating activities.
4. Repayment of long-term borrowings

Long-term debt at the beginning of the year 1,040
Add: Long-term borrowing made during the year 250

|  | 1,290 |
| :--- | ---: |
| Less: Long-term borrowings at the end of the year | 1,110 |
| Interest paid | 180 |
| Interest expense for the year | 400 |
| Add: Interest payable at the beginning of the year | 100 |
|  | 500 |
| Less: Interest payable at the end of the year | 230 |
|  | 270 |

P.5.9 The following are the summarised balance sheets of Sound Ltd. as on March 31 for the two consecutive years 1 and 2 :

|  | (Rs in thousand) |  |
| :---: | :---: | :---: |
| Particulars | Year 2 | Year 1 |
| Assets: |  |  |
| Plant and machinery | 1,980 | 1,010 |
| Land and buildings | 1,000 | 1,000 |
| Long-term investments | 550 | 550 |
| Short-term investments | 470 | 85 |
| Sundry debtors | 2,195 | 2,500 |
| Inventories | 1,400 | 1,300 |
| Interest receivable | 100 | 65 |
| Cash in hand | 300 | 500 |
| Cash in bank | 405 | 300 |
|  | 8,400 | 7,310 |
| Liabilities: |  |  |
| Share capital | 2,600 | 2,150 |
| Reserve and surplus | 1,460 | 900 |
| 15\% debentures | 2,000 | 1,800 |
| Sundry creditors | 440 | 650 |
| Wages outstanding | 40 | 20 |
| Income-tax payable | 400 | 450 |
| Accumulated depreciation: |  |  |
| Plant and machinery | 910 | 840 |
| Land and buildings | 550 | 500 |
|  | 8,400 | 7,310 |

Income Statement
for the period ending March 31, year 2 (Rs in thousand)

| Sales revenue | 45,300 |
| :--- | ---: |
| Less: Cost of sales | 39,000 |
| Gross profit | 6,300 |
| Less: | $(540)$ |
| Sepreciation | $(2,960)$ |
| Interest paid | $(300)$ |
| Add: | Interest income |
| Dividend income (gross) | 65 |
| Net profit before extraordinary items | 95 |
| Add: | Insurance settlement received |
|  | 2,660 |
| Less: | 10 |
|  | Provision for income-taxes |

## Additionation Information (Rs in thousand):

(1) $15 \%$ Debentures of Rs 300 was redeemed during year 2.
(2) Tax deducted at source on dividends received (included in provision for taxes) amounts to Rs 15.
(3) A plant costing Rs 500, having accumulated depreciation of Rs 420 was sold for Rs 80.
(4) During year 2, interim dividend of Rs 760 was paid; final dividend paid was Rs 800 .
(5) All sales and purchases are made on credit basis.

You are required to prepare a cash flow statement as per AS-3 (revised).

## Solution

Direct Method Cash Flow Statement (Rs in thousand)

| Cash flows from operating activities: |  |  |
| :---: | :---: | :---: |
| Cash receipts from customers | 45,605 |  |
| Cash paid to suppliers and employees | $(42,250)$ |  |
| Cash generated from operations | 3,355 |  |
| Income tax paid | (585) |  |
| Cash flow before extraordinary item | 2,770 |  |
| Proceeds from insurance settlement | 10 |  |
| Net cash from operating activities |  | 2,780 |
| Cash flows from investing activities: |  |  |
| Purchases of plant and machinery | $(1,470)$ |  |
| Proceeds from sale of plant and machinery | 80 |  |
| Interest received | 30 |  |
| Dividends received (Rs $95-15$ ) | 80 |  |
| Net cash used in investing activities |  | $(1,280)$ |
| Cash flows from financing activities: |  |  |
| Proceeds from issuance of share capital | 450 |  |
| Proceeds from issue of 15\% debentures | 500 |  |
| Redemption of 15\% debentures | (300) |  |
| Interest paid | (300) |  |
| Dividends paid (interim + final) | $(1,560)$ |  |
| Net cash used in financing activities |  | $(1,210)$ |
| Net increase in cash and cash-equivalent |  | 290 |
| Cash and cash-equivalent at beginning of year 2 |  | 885 |
| Cash and cash-equivalents at the end of year 2 |  | 1,175 |

## Working $\mathcal{N}$ otes

1. Cash receipts from customers:

Sales 45,300
Add: Sundry debtors at the beginning of year $2 \quad 2,500$
Less: Sundry debtors at the end of year 2 47,800
Less: Sundry debtors at the end of year 2
2. Cash paid to suppliers and employees:

Cost of sales
39,000
Add: Administrative and selling expenses 2,960
Sundry creditors at the beginning of year 2 650
Wages outstanding at the beginning of year $2 \quad 20$
$\begin{array}{ll}\text { Inventories at the end of year } 2 & 1,400\end{array}$
Less: Sundry creditors at the end of year 2
Less: Sundry creditors at the end of year 2
Wages outstanding at the end of the year 2
(440)
(40)

42,250
3. Income tax paid (including tax deducted at source from dividends received) Income tax for year 2 (including tax deducted at source from dividends received) 550
Add: Income tax liability at the beginning of year 24450
Less: Income tax liability at the end of year 2
600
Out of Rs 600, tax deducted at source on dividend received (amounting to Rs 15) is included in cash flows from investing activities and the balance of Rs 585 is included in cash flows from operating activities.
4. Interest received:

| Interest income for year 2 |  | 65 |
| :---: | :---: | :---: |
| Add: Interest receivable in the beginning of year 2 |  | 65 |
| Less: Amount receivable at the end of year 2 |  | (100) |
|  |  | 30 |
| 5. Machinery purchased: |  |  |
| Balance at the end of year 2 |  | 1,980 |
| Add: Book value of machine sold |  | 500 |
| Less: Balance at the beginning of year 2 |  | $(1,010)$ |
|  |  | 1,470 |
| Indirect Method Cash Flow Statement (Amount in '000 Rs) |  |  |
| Cash flows from operating activities: |  |  |
| Net profit before taxation and extraordinary items | 2,660 |  |
| Adjustment for: |  |  |
| Depreciation | 540 |  |
| Interest income | (65) |  |
| Dividend income | (95) |  |
| Interest expenses | 300 |  |
| Operating profit before working capital changes | 3,740 |  |
| Decrease in sundry debtors | 305 |  |
| Increase in wages outstanding | 20 |  |
| (Contd.) |  |  |
| Increase in inventories | (100) |  |
| Decrease in creditors | (210) |  |
| Cash generated from operations | 3,355 |  |
| Income taxes paid | (585) |  |
| Cash flow before extraordinary item | 2,770 |  |
| Add: Insurance settlement | 10 |  |
| Net cash from operating activities |  | 2,780 |
| Cash flows from investing activities: |  |  |
| Purchase of plant and machinery | $(1,470)$ |  |
| Proceeds from sale of plant and machinery | 80 |  |
| Interest received | 30 |  |
| Dividends received (95-15) | 80 |  |
| Net cash used in investing activities |  | $(1,280)$ |
| Cash flows from financial activities: |  |  |
| Proceeds from issuance of share capital | 450 |  |
| Proceeds from issue of $15 \%$ debentures | 500 |  |
| Redemption of 15\% debentures | (300) |  |
| Interest paid | (300) |  |
| Dividends paid (interim + final) | $(1,560)$ |  |
| Net cash used in financing activities |  | $(1,210)$ |
| Net increase in cash and cash-equivalent |  | 290 |
| Cash and cash-equivalents at beginning of year 2 |  | 885 |
| Cash and cash-equivalents at the end of year 2 |  | 1,175 |
| Cash and Cash-equivalents (Figures in '000 Rs) |  |  |
| Particulars | Year 2 | Year 1 |
| Cash in hand | 300 | 500 |
| Cash at bank | 405 | 300 |
| Short-term investments | 470 | 85 |
|  | 1,175 | 885 |

## Review Questions

5.13 The following are the summarised balance sheets of Well Limited as on March 31, for the two consecutive years (previous year and current year)

|  |  | (amount in '000 Rs) |
| :--- | ---: | ---: |
|  | Current Year | Previous Year |

Assets

| Plant and machinery | 990 | 505 |
| :---: | :---: | :---: |
| Land and buildings | 500 | 500 |
| Long-term investments | 275 | 275 |
| Short-term investments | 235 | 43 |
| Sundry debtors | 1,098 | 1,250 |
| Inventories | 700 | 650 |
| Interest receivable | 50 | 32 |
| Cash in hand | 150 | 250 |
| Cash at bank | 202 | 150 |
|  | 4,200 | 3,655 |
| Liabilities |  |  |
| Share capital | 1,300 | 1,075 |
| Reserves and surpluses | 730 | 450 |
| 15\% Debentures | 1,000 | 900 |
| Sundry creditors | 220 | 325 |
| Wages outstanding | 20 | 10 |
| Income tax payable | 200 | 225 |
| Accumulated depreciation |  |  |
| - Plant and machinery | 455 | 420 |
| - Land and buildings | 275 | 250 |
|  | 4,200 | 3,655 |
| Income Statementfor the current year, ending March 31 |  |  |
| Sales revenue |  | 22,650 |
| Less: cost of sales |  | 19,500 |
| Gross profit |  | 3,150 |
| Less: depreciation |  | (270) |
| selling and administration expenses |  | $(1,480)$ |
| interest paid |  | (150) |
| Add: interest income |  | 33 |
| dividend income (gross) |  | 47 |
| Net profit before extraordinary items |  | 1,330 |
| Add: insurance settlement received |  | 5 |
| Net profit before taxes |  | 1,335 |
| Less: provision for income tax |  | 275 |
| Net profit after taxes |  | 1,060 |

## Additional Information:

(i) $15 \%$ Debentures of Rs 3,00,000 were redeemed during the current year.
(ii) Tax deducted at source on dividends received (included in provision for taxes) amounts to Rs 7,500 .
(iii) A plant costing Rs 2,50,000, having accumulated depreciation of Rs 2,10,000 was sold for Rs 40,000 in current year.
(iv) During the current year, interim dividend of Rs $3,80,000$ was paid; final dividend paid was Rs 4,00,000.
(v) All sales and purchases are made on credit basis.

You are required to prepare cash flow statement based on AS-3.
5.14 $A B C$ Ltd. finds that its opening bank balance of Rs $1,80,000$ as on April 1 has been converted into an overdraft of Rs 75,000 by the end of the year. From the information given below, prepare a statement to show how this happened.

|  | Year beginning | Year-end |
| :--- | ---: | ---: |
| Fixed assets | Rs $7,50,000$ | Rs $11,20,000$ |
| Stock in trade | $1,90,000$ | $3,30,000$ |
| Book debts | $3,80,000$ | $3,35,000$ |
| Trade creditors | $2,70,000$ | $3,50,000$ |
| Share capital | $2,50,000$ | $3,00,000$ |
| Share premium | - | 25,000 |
| Bills receivable | 87,500 | 95,000 |

The profit before depreciation and income tax was Rs $2,40,000$. During the year, income tax to the extent of Rs $1,37,500$ was paid. Dividend paid were (i) final on the capital as on April 1 at 10 per cent and (ii) interim
at 5 per cent on the year-end capital.
5.15 Given the following data (Rs thousands), prepare a cash flow statement based on AS-3.

|  | Year 2 | Year 1 |
| :--- | ---: | ---: |
| Liabilities |  |  |
| Equity share capital | Rs 3,600 | Rs 3,600 |
| Reserves | 2,545 | 2,100 |
| Total shareholder's equity | 6,145 | 5,700 |
| Debentures | 16,000 | 16,000 |
| Current liabilities |  |  |
| $\quad$ Bills payable | 3,900 | 2,800 |
| Creditors | 4,800 | 4,100 |
| $\quad$ Provision for taxation | 155 | 400 |
| Total liabilities | 31,000 | 29,000 |
| Assets |  |  |
| Fixed assets |  |  |
| $\quad$ Land | 300 | 300 |
| $\quad$ Buildings, plant and machinery (net) | 7,000 | 5,300 |
| Total fixed assets |  | 6,100 |
| (Contd.) |  |  |
| Current assets | 2,600 |  |
| $\quad$ Bank | 14,600 | 600 |
| Inventories at cost | 5,300 | 6,200 |
| Investments | 600 | 14,400 |
| $\quad$ Debtors | 23,700 | 600 |
| $\quad$ Advances | 31,000 | 5,100 |
| Total current assets |  | 600 |
| Total assets | 22,900 |  |

Statement of Income and Reconciliation of Retained Profits
for the year-end 2 (Rs thousands)

| Sales | Rs 55,000 |
| :--- | ---: |
| Cost of goods sold | 40,000 |
| Gross profit on sales | 15,000 |
| Other operating expenses | Rs 8,900 |
| Selling expenses | 2,000 |
| Depreciation | 1,000 |
| Operating profit | 11,900 |
| Interest charged | 3,100 |
| Profit before tax | 800 |
| Provision for taxation (0.35) | 2,300 |
| Profit after taxation | 805 |
| Dividends | 1,495 |
| Net profit retained | 1,050 |
| Add reserves (beginning) | 445 |
| Reserves (closing) | 2,100 |

Answers
5.13 Cash from operating activities Rs 1389.5; Cash from investing activities (Rs. 640.5); Cash from financial activities ( Rs 605) ( Values are in thousands)
5.14 Cash from operating activities Rs 80,000; Cash from investing activities ( Rs. 3,70,000); Cash from financial activities Rs. 35,000
5.15 Cash from operating activities Rs 4,450; Cash from investing activities (Rs. 2,200); Cash from financial activities (Rs. 1,850)

