PLEASE READ THE FO ШOWING INSTRUCTIO NS CAREFUШY

1. This pa per consists of 9 pages. Please check that your question paper is complete.
2. Read the questionscarefully.
3. There is a complete Answer Book. There is a clearly marked page for each answer.
4. It is in your interests to write legibly a nd present your work neatly.
5. Show all calculations in brackets.
6. You may not use red or green ink. You may use pencil, but please use a soft, dark pencil.
7. No abbreviations are allowed.
8. The allocation of marks a nd approximate time to be taken for each question are asfollows:

| QUESIION | TIME | MARKS | SECTION | Leaming outcomes and assessment standards |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 30 min | 50 | Cash flow statement and ratio analysis | $\begin{aligned} & \text { 12.1.5. } \\ & \text { 12.1.6 } \end{aligned}$ |
| 2 | 36 min | 60 | Close comorations | $\begin{aligned} & \text { 12.1.1. } \\ & \text { 12.1.5. } \end{aligned}$ |
| 3 | 24 min | 40 | Manufacturing | 12.2.2. |
| 4 | 30 min | 50 | Managing resources | $\begin{aligned} & \text { 12.1.1.1. } \\ & 122.2 .3 . \\ & 12.2 .3 .3 \\ & 12.3 .4 . \\ & 12.2 .5 . \\ & 12.3 .6 .6 \\ & \hline \end{aligned}$ |
| TOTAL | 120 min | 200 |  |  |

## QUESTION 1 Cash flow statement \& analysis (50 marks, 30 minutes)

Bailey Ltd has an a uthorised share capital of 500000 ordinary shares with a par value of R2 each. Shares in issue were sold to the public at the incorporation of Bailey Ltd.

## Instructions:

1.1. Prepare the following with regards to the cash flow statement for 2007:
1.1.1. Note showing the reconciliation between profit before taxation and cash generated from operations
1.1.2. Calculation of dividends paid
1.1.3. Calculation of taxation paid
(4)
1.2. Calculate and comment on the debt / equity ratio for 2007. The debt / equity ratio for 2006 was 0.2 : 1.
(9)
1.3. Calculate the following for 2007 and comment briefly:
1.3.1. Dividends per share (DPS $2006=12 \mathrm{c} /$ share)
1.3.2. Eamingspershare (EPS $2006=50 \mathrm{c} /$ share)

## Information:

Extract from the Income Statement of Bailey Stores for the yearended 28 February 2007

| Sales | 600000 |
| :--- | ---: |
| Income tax | 60000 |
| Net profit for the year after tax | 90000 |
| Interest on loans | 12900 |
| Depreciation: Equipment | $?$ |
| Depreciation: Vehicles | 27200 |

Extract from the Balance Sheet of Bailey Stores as at 28 February 2007

|  | Notes | 2007 | 2006 |
| :--- | :--- | ---: | ---: |
| Fixed Assets |  | 544400 | 437600 |
| Current Assets |  |  |  |
| Inventory |  | 134000 | 162000 |
| Trade and other receivables |  | 28000 | 36000 |
| Cash and cash equivalents |  |  | 16400 |
|  |  | 500000 | 400000 |
| Ordinary share capital |  | 50000 | 40000 |
| Share premium | 72000 | 32000 |  |
| Accumulated / Retained income |  | 76000 | 96000 |
| Lan: Sharks Bank (15\% pa) |  | 75200 | 84000 |
| Trade and otherpayables |  |  |  |

## Additional information:

- $40 \%$ of sales were on credit
- Equipment was bought during the year.
- A vehicle was sold on 28 February 2007 at camying value.
- No other fixed assets were bought and sold
- The following dividendswere declared during the financial year.

| Interim dividend | R30 000 |
| :--- | :--- |
| Final | R20 000 |
| Total | R50 000 |

## Notes to the financial statements:

| 3. | Fxed Assets | Land and <br> buildings | Equipment | Vehicles |
| :--- | :--- | ---: | ---: | ---: |
|  | Cost at the beginning of the year | 160000 | 100000 | 280000 |
|  | Accumulated depreciation | - | $(33200)$ | $(69200)$ |
|  | Camying value at the beginning of the <br> year | 160000 | 66800 | 210800 |
|  |  |  |  |  |
|  | Cost at the end of the year | 350000 | 120000 | 210000 |
|  | Accumulated depreciation | - | $(49200)$ | $(86400)$ |
|  | Camying value at the end of the year | 350000 | 70800 | 123600 |


| 5. | Trade and other receivables | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 6}$ |
| :--- | :--- | ---: | ---: |
|  | Trade debtors | 23000 | 34000 |
|  | SARS (Income Tax) | 2800 | - |
|  | Accrued income | 800 | 500 |
|  | Prepaid expenses | 1400 | 1500 |


| 10. | Trade and other payables | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 6}$ |
| :--- | :--- | ---: | ---: |
|  | Trade creditors | 54000 | 63000 |
|  | SARS (Income Tax) | - | 8000 |
|  | Accrued expenses (telephone) | 800 | 700 |
|  | Shareholders fordividends | 20000 | 12000 |

## Required:

Use the information below to prepare the following statements in the books of CasNo Traders CC. The members are D. Casablance and M. Nova.
2.1. Detailed Income Statement for the year ended 31 December 2008.
(40)
2.2. $\quad M$ Nova is concemed that the equity funds favour D Casablance. M Nova opted to invest hercapital in the business in the form of a contribution while D Casablance invested hiscapital in the form of a loan. Expla in the following to $M$ Nova:

- The advantages of a loan account being used instead of a contribution
- The disadvantages of a loan account being used instead of a contribution
- Whether the present situation favours D C asablance or acts a ga inst her(10)

CASNO TRADERS CC

| PRE-ADJ USTMENTTRIAL BALANCE ON 31 DEC EMBER 2008 | DEBITS | CREDITS |
| :---: | :---: | :---: |
| Balance Sheet Account Section |  |  |
| Members' contribution |  | 332620 |
| Retained Income (Accumulated profit) |  | 112000 |
| Loan from D Casablance |  | 515000 |
| Land and buildings | 806900 |  |
| Vehicles | 197860 |  |
| Equipment | 129600 |  |
| Accumulated depreciation on vehicles |  | 118310 |
| Accumulated depreciation on equipment |  | 47580 |
| Loan to M Nova | 5000 |  |
| Fixed deposit | 15000 |  |
| Trading Stock | 127000 |  |
| Debtors control | 14830 |  |
| Provision for bad debt |  | 900 |
| Bank |  | 10000 |
| Cash float | 370 |  |
| Creditors control |  | 3892 |
| SARS (Income tax) | 83204 |  |
| Nominal Account Section |  |  |
| Sales |  | 1400000 |
| Cost of sales | 473970 |  |
| Debtors allowances | 11250 |  |
| Bad debt | 1200 |  |
| Advertising | 36800 |  |
| Rent Income |  | 61600 |
| Interest on fixed deposit |  | 1200 |
| Interest on overdraft | 500 |  |
| Remuneration: Accounting officer | 77666 |  |
| Salary: D Casablance | 110000 |  |
| Wages | 258910 |  |
| Telephone | 52200 |  |
| Consumable stores | 18560 |  |
| Bank Charges | 2800 |  |
| Rent expense | 55000 |  |
| Water and Electricity | 87660 |  |
| Commission on sales | 36822 |  |

## Adjustments and additional information:

1. The following itemsare on hand according to stock-taking:

Trading stock 126500
Consumable stores 1250
2. Advertisements include an a mount of R12 000 paid in respect of a six-month contract that expires on 30 April 2009.
3. R. Butler, a debtor owing R830 is insolvent. His a ccount must be written off.
4. Provision for bad debt must be adjusted to $6 \%$ of outstanding debtors.
5. A salary of R110 000 is paid to D. Casablance forhis contribution to management of the business.
6. A vehicle, cost price R50 000, was sold on 1 October 2008 to J. Eyre for R12 000 cash. On 1 J a nuary 2008 the accumulated depreciation on the vehicle sold amounted to R10 000. Depreciation on vehic les must be calculated at 20\% p.a. on the diminished balance. No entries have been made.
7. Rent expense for Decemberhas not yet been paid.
8. The loan to M Nova was made on 30 J une 2008. The interest outsta nding must be brought into account at $15 \%$ p.a.
9. The loan agreement with D Casablance provides that a repayment of R10 000 must be made on the 1 November every year and this was recorded. On this date the interest rate increased from $12 \%$ to $15 \%$. Provide for outsta nding interest.
10. D Casablance supplied equipment on 1 J uly 2008 to the value of R20 000 to the comporation to increase his member's contribution. This has been recorded. Depreciation on equipment is calculated at 10\%p.a. on cost.
11. Income tax forthe yearamounts to R47 000.
12. Net Income of R80 000 is distributed between the members in the following interest ratio: D. Casablance $70 \%$ and M. Nova $30 \%$


## QUESTION 3 Manufacturing accounts (40 marks, 24 minutes)

## Instructions:

3.1. Use the given information to draw up the Production Cost Statement of Prime Industries for the fina ncial year ended 30 J une 2008.
3.2. Calculate the gross profit for the year on finished goods.
3.3. Calculate the cost per unit produced.
3.4. Determine the break even quantity and explain the signific ance of this quantity.

## Information:

1. Stock on hand on 1 J uly 2007:

Manufactured goods, R83 500
Raw materials, R55 000
Work in progress, R31 000
2. Raw materials purchased, R119 800 of which $60 \%$ was for cash.
3. Camage on purchases of raw materials, R7 600 paid by cheque.
4. Productive wages, R176 866 Unemployment fund contribution: R1 740 for productive wages, R900 for indirect labour. Indirect la bour, R90 000
5. Fuel, water and electricity, R30 600
6. Consumable goods for the year, R21 800
7. Land and build ings - Office and showroom at cost R500 000.

Factory at cost R1 000000.
Rates at 2 \% per annum on cost of build ings.
8. Depreciation for the yearamounted to R45 000.

Repairs to machinery, R32 074.
9. Insurance isR1 020 per month. (Insurance forJ uly 2008 has already been paid).
10. Stock on hand on 30 J une 2008:

Manufac tured, R72 600
Raw materials, R51 200
Work in progress, R29 800
11. Goods are sold at cost plus $35 \%$.
12. The number of goods produced for the year amounted to 12356 .
13. The following information is a vailable:

Fixed costs = R255 846
Variable costs = R175 374
Selling price per unit $=$ R60,75
Marginal income per unit $=$ R46,55


The following information has been extracted from the books of Sparkey Stores, a trading business owned by Michelle Sparke.
Use the given information to answer the following questions for the yearended 28 February 2008:

## Information:

| Extracted balances on | 28 February 2008 | 1 March 2007 |
| :--- | ---: | ---: |
| Debtors Control | R27 990 | R24 090 |
| Trading Stock | R46 000 | R48 000 |
| Creditors Control | R53 400 | R47 600 |
| Sales | R720 000 |  |
| Purchases | R398 000 |  |
| Camiage on Purchases | R32 000 |  |

## Questions:

4.1. Michelle has discovered that SARS will allow her to fully depreciate her computer software over one year, even though she will use the software for two years. She is unsure if she must therefore record the purchase of her new inventory recording programme as a depreciating asset or as a stock expense.
Suggest how she should record the new programme and what she should consider over the next two years.
(5)
4.2. Each recent increase in the petrol price on average increases the fuel expense by R500 per month. The bookkeeper is concemed about the regular donation to the SPCA, as she says that the profit from these goodscould go towards recouping the increase in the fuel expense. Mic helle is adamant that the donations continue.
Give two reasons why the business should continue to donate the stock. (4)
4.3. The following figures were extracted from the ledgers for December 2007 Sales R65 000 (Gross profit margin of $60 \%$ for December)
Rent Expense R 8000
Salaries \& Wages R18 000
Drawings R20 000 (plus an additional 10\% in goods for herown use)
Donations of goods to SPCA R5 000
The business employs the fixed base stock method for the replacement of stock over December. The business purchases $80 \%$ of all goods on credit. Calc ulate the credit purc hase of stock for the month of December 2007. (7)
4.4. The average creditors' payment period is calculated to be 53 days. The business sells $40 \%$ of all goods on credit.
4.4.1. Determine the credit policy of the business and its suppliers.
(7)
4.4.2. What effect has this on the businesses cash flow?
(2)
4.4.3. Michelle feels that she should increase the interest that she charges on debtors overdue accounts by $4 \%$ p.a. However she is unsure if this is an ethic al decision. Advise Michelle on this matter and suggest an altemative strategy to encourage her debtors to pay faster.
(5)
4.5. Michelle is budgeting for 2009 and hascalculated the following:

| Date of Stock Purchase | Number of Units | Cost per Unit |
| :--- | :---: | :---: |
| Opening Stock | 480 | 100 |
| 3 March 08 | 200 | 110 |
| 17 March 08 | 150 | 120 |
| 31 March 08 | 170 | 100 |
| Closing Stock | 460 |  |

She needs to insure her stock at the highest possible value. Detemmine which stock valuation method she should use i.e. FIFO or Weighted Average.
4.6. The bookkeeper is concemed that the auditors will object to her monthly drawings of stock, as she read in the newspaper that a local business man, ZJ acob, wascharged with defrauding the business by drawing stock for his use. Briefly explain why Michelle can safely assure her bookkeeper that the two cases are different and that no fraud is taking place at Sparkey Stores.
(6)


50 marks

## ANSWER BOOK

PLEASE READ THE FO ШOWING INSTRUCTIONSCAREFUШY

1. This Answer Book consists of 8 pages. Please check that your Answer Book is complete.
2. There is a clearly marked page foreach answer.
3. Make sure that your work is legible and comprehensible.
4. Show all your workings in brackets.
5. Do not abbreviate.
6. You may not use red orgreen ink, but you may use pencil.

| QUESTION | MARKS | ACTUAL MARKS | Assessment <br> standards foc us |
| :---: | :---: | :---: | :---: |
| 1 | 50 |  | 12.1 .5. |
| 2 | 60 |  | 12.1 .5. |
| 3 | 40 |  | 12.2 .2. |
| 4 | 50 |  | $12.3 .3-6$ |
| TOTAL | $\mathbf{2 0 0}$ |  |  |

## QUESIION 5 Cash flow statement \& analysis (50 marks, 30 minutes)

5.1. Notes to the Cash Fow Statement of Bailey Limited as at 28 February 2007 (20)

| 5.1.1. | Reconciliation between profit before taxation and cash generated from <br> operations |  |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

5.1.2. $\quad$ Dividends paid
(5)
5.1.3. Taxation paid
(4)

Comment
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
5.3.
5.3.1. Dividendsper share
(12)
5.3.2. Eamingspershare

Comment
$\qquad$
$\qquad$
$\qquad$
$\qquad$
6.1. Deta iled Inc ome Statement for the yearended 31 December 2008.

CASNO TRADERS CC
DEIAILED INCOME STATEMENTFOR THE YEAR ENDED 31 DEC EMBER 2008

|  | Note | 2008 |
| :---: | :---: | :---: |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| - |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  | 1 |  |
|  |  |  |
|  | 2 |  |
|  |  |  |
|  |  |  |
|  |  |  |

6.2. $M$ Nova is concemed that the equity fundsfavour D Casablance. M Nova opted to invest hercapital in the business in the form of a contribution while D Casablance invested hiscapital in the form of a Ioan. Expla in the following to M Nova:

- The advantages of a loan account being used instead of a contribution
- The disadvantages of a loan account being used instead of a contribution
- Whether the present situation favours D C asablance or acts a ga inst her(10)


## QUESIION 7

### 3.1 PRIME INDUSTRIES

PRODUCTION COSTSTATEMENTFOR THE YEAR ENDED 30 JUNE 2008

| Direct raw materials |  |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |
| Direct labour |  |
| Primary cost of production |  |
| Manufacturing overheads |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

3.2 CALCULATION OF GROSS PROFT
(6)

|  |  |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

3.3 COSTPERUNIT (3)
$\qquad$
3.4 BREAK EVEN QUANIITY
(6)
$\qquad$
$\qquad$


50 marks
QUESTION 8
Managing resources
(50 marks, 30 minutes)
8.1. Suggest how she should record the new programme and what she should consider over the next two years.
(5)
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
8.2. Give two reasons why the business should continue to donate the stock. (4)
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
8.3. Calculate the credit purchase of stock for the month of December 2007. (7)
$\qquad$
8.4.
8.4.1. Determine the credit policy of the business.
$\square$
$\qquad$
$\qquad$
8.4.2. What effect has this on the businesses cash flow?
(2)
8.4.3. Advise Michelle on this matter and suggest an altemative strategy to encourage her debtors to pay faster.
(5)
(
8.6. Briefly explain why Michelle can safely assure her bookkeeper that the two cases are different and that no fraud is ta king place at Sparkey Stores. (6)
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

## MEMORANDUM

## QUESTION 9 Cash flow statement \& analysis (50 marks, 30 minutes)

9.1.1. Notes to the Cash Row Statement of Bailey Limited as at 28 February 2007 (20)

| 1. | Reconciliation between profit before taxation and cash generated from operations |  |
| :--- | :--- | ---: |
|  | Profit before tax $(60000 \checkmark+90000 \checkmark)$ | $\checkmark 50000$ |
|  | Adjustment in respect of: | 56100 |
|  | Interest on loans | $\checkmark 2900$ |
|  | Depreciation (27 $200 \checkmark+16000 \checkmark \checkmark)$ | $\nabla 43200$ |
|  | Operating profit before changes in working capital | $\boxed{ } 206100$ |
|  | Changes in working capital | $\nabla 29900$ |
|  | Decrease in inventory | $\checkmark \checkmark \checkmark 28000$ |
|  | Decrease in trade and other receivables | $\checkmark \checkmark \checkmark 10800$ |
|  | Decrease in trade and otherpayables | $\checkmark \checkmark \checkmark(8900)$ |
|  | Cash generated from operations | $\nabla 236000$ |


| 4. | Dividends paid | (5) |
| :--- | :--- | ---: |
|  | Amount owing at the end of the previous year | $\checkmark 12000$ |
|  | Dividends paid and recommended | $\checkmark \checkmark 50000$ |
|  | Amount owing at the end of the current year | $\checkmark(20000)$ |
|  | Amount paid | $\nabla 2000$ |


| 5. | Taxation paid | (4) |
| :--- | :--- | ---: |
|  | Taxation owing at the end of the previous year | $\checkmark 8000$ |
|  | Income Statement amount | $\checkmark 60000$ |
|  | Taxation prepaid at the end of the curent year | $\checkmark 2800$ |
|  | Amount paid | $\boxed{7} 70800$ |

9.2. Calculate the debt/ equity ratio for 2007

LTL : Shareholder's Equity
$76000 \checkmark:(500000 \checkmark+50000 \checkmark+72000 \checkmark)$
76000 : 622000
0.12 : 1 『

## Comment

- Ratio hasimproved from 0,2:1 to 0,1:1 $\checkmark \checkmark$
- Financial risk low asthe company has R1 of own capital to cover 10c of borrowed capital $\checkmark \checkmark$
- The business would be seen ascreditworthy by banks $\checkmark \checkmark$
- The decrease in the ratio isdue to the decreased loan and the new share issue

9.3.
9.3.1. Dividends per share

Dividend / Issued shares Issued shares $=500000 / 2$
50000 (see divscalc) / $250000 \checkmark \quad=250000$
20c pershare $\nabla$
9.3.2. Eamingspershare

Eamings/ Issued shares
$90000 \checkmark / 250000$ 『 (see 1.3.1.)
36c pershare $\square$

Comment $2 \times \checkmark \checkmark$

- Dividendshave increased from 12c to 20c pershare.
- Eamings have decreased from 50 c to 36 c per share.
- In spite of decreased eamings, the company has paid out over $50 \%$ of eamings as a dividend.
- Shareholder may not be happy - co. should be retaining some of eamings to improve profitability
- Sha reholderhappy - good retum, better than otherfina ncial institutions.
- High dividends possibly to keep shareholders happy and distract them from reduced eamings.


## CASNO TRADERSCC

DEIAILED INCOME STATEMENTFOR THE YEAR ENDED 31 DECEMBER 20.8

|  | Note | 20.8 |  |
| :---: | :---: | :---: | :---: |
| Sales [1400 $000 \checkmark-11250 \checkmark$ ] |  | 1388750 |  |
| Cost of sales |  | (473 970) | $\checkmark$ |
| Gross profit |  | 914780 | $\square$ |
| Otheroperating income |  | 61660 | $\square$ |
| Rent income |  | 61600 | $\checkmark$ |
| Provision for bad debts adjustment (900-840) |  | 60 | $\checkmark \checkmark$ |
| Operating expenses |  | (782 568) | $\square$ |
| Bad debts $1200 \checkmark 830 \checkmark$ |  | 2030 |  |
| Advertising $36800 \checkmark-8000 \checkmark \checkmark$ |  | 28800 |  |
| Remuneration: Acc officer |  | 77666 | $\checkmark$ |
| Salary: Casablance 110000 |  | 110000 | $\checkmark$ |
| Wages 258910 |  | 258910 | $\checkmark$ |
| Telephone 52200 |  | 52200 | $\checkmark$ |
| Consumable stores $18560 \checkmark-1250 \checkmark$ |  | 17310 |  |
| Bank charges |  | 2800 | $\checkmark$ |
| Rent $55000 \checkmark+5000 \checkmark \checkmark$ |  | 60000 |  |
| Water and electricity |  | 87660 | $\checkmark$ |
| Commission on sales |  | 36822 | $\checkmark$ |
| Trading stock deficit (127 000-126 500) |  | 500 | $\checkmark \checkmark$ |
| Depreciation $(6000 \checkmark \checkmark+7910 \checkmark \checkmark+1000 \checkmark \checkmark+10960 \checkmark \checkmark)$ |  | 26537 |  |
| $\begin{aligned} & \text { Loss on sale of asset } \\ & \text { (50 000 } \checkmark-12000 \checkmark-10000 \checkmark-6000 \nabla \text { see dep) } \end{aligned}$ |  | 21333 |  |
| Operating profit |  | 193872 | $\square$ |
| Interest income (1200 $\checkmark+375 \checkmark$ ) | 1 | 1575 |  |
| Profit before interest expense / financing cost |  | 194247 | $\checkmark$ |
| Interest expense/fina ncing cost $(500 \checkmark+52500 \checkmark+12875 \checkmark)$ | 2 | (65 875) |  |
| Net Profit before tax |  | 128372 | V |
| Income Tax |  | (47 000) | $\checkmark$ |
| Net profit aftertax | 9 | 81372 | $\square$ |
|  |  |  |  |

Suggested rubric to assess this task

| Criteria | 0-1 | 2 | 3 | 4 |
| :---: | :---: | :---: | :---: | :---: |
| Advantages | Fails to highlight advantages | Some advantages are mentioned | Shows good understanding of the advantages | Shows great insight in the discussion of the advantages |
| Disa dva nta ges | Fails to highlight disadvantages | One disadvantage mentioned | Shows good understanding of the disadvantages | Shows great insight in the discussion of the disadvantages |
| Disc ussion as to whether Casablance is favoured | 0 | 1 | 2 |  |
|  | Fails to discuss this topic with any meaning | Some parts of the discussion are acceptable | Good discussion on whether Casablance is favoured | Excellent discussion on whether Casablance is favoured |

## Suggested answers:

Advantages:

- Eams interest
- Paid out before the ownerscapital in case of liquidation
- Can be repaid after a period of time
- More flexible aschangescan be made without changing the founding statement Disa dva nta ges:
- Capital can be withdrawn and affect the CC
- Lack of commitment


## Disc ussion:

Own opinion but must be substantiated.

### 3.1 PRIME INDUSTRIES

PRODUCTION COSTSTATEMENTFOR YEAR ENDED 30 JUNE 2008

| Direct raw materia ls | $\square 131200$ |
| :---: | :---: |
| Raw materials at beginning of year | $\checkmark 55000$ |
| Raw materials purchased | $\checkmark 119800$ |
| Camiage on raw materials | $\checkmark 7600$ |
| Raw materials available | 182400 |
| Raw materials at end of year | $\checkmark$ (51 200) |
| Direct labour (176866 $\checkmark+1740 \checkmark$ | V178 606 |
| Primary cost of production | V309 806 |
| Manufacturing overheads | V352 614 |
| Indirect labour (90000 | V90 900 |
| Fuel, water and electricity | $\checkmark 30600$ |
| Consumable goods | $\checkmark 21800$ |
| Rates | $\checkmark \checkmark 20000$ |
| Depreciation | $\checkmark 45000$ |
| Repairs to machinery | $\checkmark 32074$ |
| Insurance | $\checkmark \checkmark 12240$ |
| Total cost of goods manufactured | $\checkmark 562420$ |
| Work in progress at beginning of year | $\checkmark 31000$ |
|  | 593420 |
| Work in progress at end of year | $\checkmark$ (29 800) |
| Cost of finished goods | $\checkmark 563620$ |

3.2 CALCULATION OF GROSS PROFIT
(6)

| Sales | V775 602 |
| :---: | :---: |
| Cost of sales | $\checkmark$ (574 520) |
| Finished goods at beginning of year | $\checkmark 83500$ |
| Cost of finished goods | (see 3.1.) $\downarrow 563620$ |
| Cost of goods available forsale | 647120 |
| Finished goodsat end of year | $\checkmark$ (72 600) |
| Gross profit | V201 082 |

$3.3563620 \nabla$ (see 3.1.) $\div 12356 \checkmark=R 45$ per unit. $\downarrow$
3.4 R255 $846 \checkmark \div$ R46,55 $\checkmark=5496$ units. $\checkmark$ The least amount of goods that must be produced to neither make a profit or loss. $\checkmark \checkmark \checkmark$
(6)
4.1. Suggest how she should record the new programme and what she should consider over the next two years (5)
Asset ${ }^{\sqrt{2}}$
Depreciate over 1 year $\checkmark$ - then book value at R1 $\checkmark \checkmark$ forsecond year
Can't sell it - licensing restrictions-so scrap $\checkmark$ when replace.
or
Expense $\sqrt{ }$
More realistic as not a sellable asset $\checkmark \checkmark$
Record full price as expense - as used over 2 years at yearend record half the value as Prepaid expense $\checkmark \checkmark$-Accrual System
4.2. Give two reasons why the business should continue to donate the stock.
(4)

Goodwill within the community $\checkmark \checkmark$
Tax deduction $\checkmark \checkmark$
Olderstock not becoming obsolete and therefore having to be written off
4.3. C alculate the monthly credit purchase of stock for December 2007.
(7)

$$
\begin{aligned}
& \text { Cost of Sales } 65000 \times(100 \%-60 \%)= \\
& \begin{aligned}
& \text { + } 26000 \checkmark \checkmark \\
& \text { Drawings of Stock }(20000 \times 10 \%)=\text { R } 2000 \checkmark \checkmark \\
& \text { +Donations of Stock }=\text { R } 5000 \checkmark \\
& \text { R33 000 } \\
& \times 80 \%=\text { R26 400 }
\end{aligned}
\end{aligned}
$$

4.4.1. Determine the credit policy of the business.
(7)

| Ave Debtors $\times 365$ |  | 26400 |  |
| :---: | :---: | :---: | :---: |
| Credit Sales 1 | $720000 \times 40 \%$ | $=288000 \checkmark \checkmark$ | = 33 days $\downarrow$ |

The business gives it debtors 30 days $\bar{\square}$ to pay whilst has 60 days to pay its creditors $\bar{\nabla}$.
4.4.2. What effect hasthis on the businesses cash flow?

This has a favourable effect on the cash flow.
Cash is collected faster than it is paid out.
4.4.3. Advise Michelle on this matter and suggest an altemative strategy to encourage her debtors to pay faster. (5)
No $\sqrt{\checkmark}$ - allowed to increase the interest rate
May have contractual issues-depending on original debt contract.
Customers not keeping to their 30 day obligation
Increase in repo rate by reserve bank led to increase in prime lending rates by banks thus
increase in all debt rateslinked to prime.
Yes - customers already struggling to meet the 30 days allowed
Increasing interest is causing customers to be in position not able to repay their debt
Could have goods repossessed - effect customerscredit rating
In diffic ult c urrent economy already
Altemative:
Offer
more
settlement
discount
Improve admin system (credit collection, a c counts)
Threaten legal action
4.5. Determine which stock valuation method she should use i.e. FIFO or Weighted Average.
(14)

```
FIFO
\(170 \times 100=17000 \checkmark\)
\(150 \times 120=18000 \checkmark\)
\(\underline{140}^{\checkmark} \times 110=15400^{\checkmark}\)
46050400 V
Weighted Average
\(480 \times 100=48000 \checkmark\)
\(200 \times 110=22000 \checkmark\)
\(150 \times 120=18000 \checkmark\)
\(\underline{170} \times 100=\underline{17000} \sqrt{2}\)
\(1000105000 \checkmark / 1000 \checkmark=\) R105 \(\checkmark \times 460\) units \(=\) R48 \(300 \checkmark\)
```

First In, First Out $\square$ is the higher
4.6. Briefly expla in why Michelle can safely assure her bookkeeper that the two cases are different and that no fraud is taking place at Sparkey Stores
Michelle
Recording all drawings in the business books $\checkmark \checkmark \checkmark$
Not passing herown expenses off onto the business $\checkmark \checkmark \checkmark$
Offset against her capital contribution so value of her equity I accurate
ZJacob probably did not record his drawings or passed off his personal use of goods as a business expense

