## DEPARTMENT OF ACCOUNTING <br> GRADE 12-PAPER I <br> JUNE

Time: 120 Minutes
Marks: 200

## READ THE FOLLOWING INSTRUCTIONS CAREFULLY

$>$ This paper consists of 6 pages (including the front cover )
$>$ Read the questions carefully and only answer what is required
$>$ There is a complete answer book. There is a clearly marked page for each answer sheet.
> It is in your interest to write legibly and to present your work neatly
$>$ You may not use green or red ink.
$>$ The allocation of marks and the approximate time to be taken for each question are as follows:

| Question 1: 69 marks; 31 Minutes |  |
| :---: | :---: |
| The topic for this task is | The learning outcomes covered are: |
| Cash Flow, Interpretation and Problem Solving | LO 1 Financial information <br> - AS - Interpreting financial information |
| Question 2: 17 marks; 21 Minutes |  |
| The topic for this task is | The learning outcomes covered are: |
| Inventory valuations and Validations | LO 2 Managerial accounting <br> LO 3 Managing resources <br> - AS - Applying inventory principles |
| Question 3: 65 marks; 29 Minutes |  |
| The topic for this task is | The learning outcomes covered are: |
| Companies and Balance Sheet | LO 1 Financial information <br> - AS - Interpreting financial information |
| Question 4: 33 marks; 29 Minutes |  |
| The topic for this task is | The learning outcomes covered are: |
| Manufacturing | LO 2 Managerial accounting <br> LO 3 Managing resources <br> - AS - Applying cost principles <br> - AS - Depreciation |
| Question 5: 16 marks; 10 Minutes |  |
| The topic for this task is | The learning outcomes covered are: |
| Bank Reconciliation Statement | LO 1 Financial Information <br> - AS 4 - Bank reconciliation <br> - AS 6 - Internal control processes |

The following information was extracted from the accounting records of Strickies Musikland Limited.

## REQUIRED:

1.1 Calculate:
1.1.1 Depreciation for the year ended 28 February 2008.
1.1.2 Interest paid for the year ended 28 February 2008.
1.2 Prepare the following notes to the Cash flow statement for the year ended 28 February 2008:
1.2.1 Reconciliation of profit before tax and cash generated from operations
1.2.2 Income tax paid
1.2.3 Cash and cash equivalents
1.3 Prepare the Cash flow statement for the year ended 28 February 2008.

## INFORMATION:

1. Post-closing trial balance on

|  | 28 February 2008 |  | 28 February 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Debit | Credit | Debit | Credit |
| Ordinary share capital (Par value R5) |  | 750000 |  | 600000 |
| Ordinary share premium |  | 140000 |  | 100000 |
| Accumulated profit |  | 85500 |  | 30000 |
| Fixed assets at carrying value | 941900 |  | 759000 |  |
| Trading stock | 74000 |  | 72500 |  |
| Debtors control | 147000 |  | 170000 |  |
| Provision for bad debts |  | 7000 |  | 10000 |
| Accrued income | 18000 |  | 16000 |  |
| Prepaid expenses (interest on loan) | 1500 |  | - |  |
| SARS (Income tax) |  | 19500 | 12500 |  |
| Bank | 30000 |  |  | 11500 |
| Cash float | 8000 |  | 6000 |  |
| Creditors control |  | 71000 |  | 65000 |
| Income received in advance |  | 2400 |  | 1900 |
| Accrued expenses (interest on loan) |  | - |  | 2100 |
| Consumable Stores on Hand | 1000 |  | 500 |  |
| Shareholders for dividends |  | 26000 |  | 36000 |
| Loan |  | 120000 |  | 180000 |
|  | 1221400 | 1221400 | 1036500 | 1036500 |

2. Earnings per share for 2008 is 70 cents per share.
3. Income tax for the year amounted to R48 000.
4. Dividends per share for 2008 is 33 cents per share.
5. Fixed assets purchased during the financial year amounted to R339 400.
6. Fixed assets sold at carrying value during the financial year is R25 000.
7. Interest on borrowed money:
7.1 The loan was decreased to its current figure on 1 September 2007. Interest is calculated at $13 \%$ p.a.
7.2 Interest on overdraft, R500.

### 2.1 Inventory valuation methods

Penny's Pens buys and sells one type of pen. The details for the year ended 28 February 2008 are:
1 March 2007:

- Opening stock comprised 10 pens at R30 each


## 30 April 2007:

- Bought 100 pens at R32 each
- Carriage on these pens paid was R140

31 August 2007:

- Bought 180 pens at R36 each
- Carriage on these pens paid was R340

31 January 2008:

- Bought 200 pens at R41 each
- Carriage on these pens paid was R500
- During the financial year ended 28 February 2008, 260 pens were sold at R50 each.


## PART A:

The business uses the FIFO method of valuing stock.

## REQUIRED:

2.1 Calculate the stock value for the 230 pens on hand at the year-end.
2.2 Calculate the mark-up \% for the year.
2.3 Draft the Trading Account using the periodic inventory system.

## PART B:

The business uses the weighted average method of valuing stock.

## REQUIRED:

2.4 Calculate the stock value for the 230 pens on hand at the year-end.

The accounting period for Foxy (Pty) Ltd end on the last day of June.

## REQUIRED:

Use the information given below to:
3.1 Calculate the Accumulated Profits at 30 June 2008.
3.2 Complete the Balance Sheet.
3.3 Complete the Trade and Other Payables note.

## INFORMATION:

## 1. Income Tax:

1.1 Income Tax for the year ended 30 June 2008 amounted to 14449.
1.2 Provisional Payments for the income tax to date amounted to R13 223 for 2008.
2. The total Ordinary Share Dividends for the year was increased by $15 \%$ from last year. No interim dividends were paid during the year.
3. Mortgage Loan and Interest:
3.1 The Mortgage Loan is repayable at R10 000 each year on 30 September.
3.2 Interest on the Mortgage Loan is paid on 30 September. During 2007 interest was calculated at $10 \%$ p.a. According to the accountants calculations it was established that R18 000 interest accrued must be included in the Balance Sheet on 30 June 2008. Total interest expense on Mortgage Loan for the year amounted to R24 250.
4. The return on capital employed for the year ended June 2008 is $15 \%$. ( Average Capital Employed was R 836 120)
5. Investment in Shares
5.1 The investments to be reflected in the Balance Sheet consisted of shares at Standard Bank Group Ltd. Dividends were received as follows:
5.1.1 2007 - R 3276 which amounted to 91 cents per share
5.1.2 2008 - R 8326 which amounted to 181 cents per share
5.2 The above shares (see 5.1.1) had been purchased prior to the financial year at R45 per share.
5.3 During the year, a further 1000 shares were purchased at R56 per share.
5.4 The old shares were NOT re-valued at this time.
6. The buying and selling of fixed assets realised an increase in their book value of R 137000 .
7. The current ratio for June 2007 was $1,8: 1$
8. The acid-test ratio for June 2007 was $1: 1$
9. The debt-equity ratio for June 2007 was $0,5: 1$
10. Whilst the annual instalment was made on the Mortgage loan (see 3.1 above) there was no change to the Ordinary Share Capital during the year.
11. Loan from a director A. Fox of R17 500 was made on 1 January 2007.
12. The net cash outflow for the year to 30 June 2008 was R 1850 .
13. Trade and Other Payables resulted in a net cash inflow of R78 346.
14. Trade and Other Receivables resulted in a net cash outflow of R 1445.

QUESTION 4:
Manufacturing
The accounting period of Reflector Manufacturers ends annually on 28 February

## REQUIRED:

4.1 Prepare the statement that will show the cost of production of finished goods for the financial year ended 28 February 2008.
4.2 Draw up the Finished Goods Stock Account and close off the account on 28 February 2008.
4.3 Do the following calculation, rounding off to the nearest cent.
4.3.1 Direct material cost per unit
4.3.2 How many units must Reflector Manufacturers sell in order to make a R18 340 profit?

## INFORMATION:

1. Balance on:

|  | 1 March 2007 | 28 February 2008 |
| :--- | :--- | :--- |
| Raw materials stock | 27630 | 38440 |
| Work-in-progress | 15670 | 11210 |
| Finished Goods Stock | 42550 | 46890 |
| Indirect Materials | 6210 | 8330 |

2. Summary of transactions for the year:

Credit Purchases:
Raw materials
Indirect materials
207850

Cash Payments:

| Carriage on raw materials 7210 |
| :--- | :--- |


| Wages: Direct Labour | 132570 |
| :--- | :--- |


| : Indirect Labour | 32440 |
| :--- | :--- | :--- |


| Salaries: Sales Staff | 92430 |
| :--- | :--- |

: Factory Staff

| Purchases of stationery: Sales Section | 1990 |
| :--- | :--- |


| Rent Expense: Administration Section | 33500 |
| :--- | :--- |


| : Factory | 56900 |
| :--- | :--- | :--- |


| Maintenance: Administration section | 13330 |
| :--- | :--- |


| $:$ Factory | 33500 |
| :--- | :--- |


| Selling Expenses | 22100 |
| :--- | :--- |


| Administrative Expenses | 34600 |
| :--- | :--- |

Cash Receipts:
Sales of finished goods
990670
Additional information
Depreciation on administration equipment
11220
Depreciation on factory equipment
22330
During the year, 20000 units were completed

Kerry Slack, the owner of Slack Traders asked the bookkeeper Nicola Buck to prepare the bank reconciliation statement for May 2008. Kerry was shocked that the Bank reconciliation statement did not balance. Nicola has now approached you for help.

## REQUIRED:

1.1 Using the information given below correct the bank reconciliation statement.
1.2 Answer the questions that Henry has for you.

## INFORMATION:

Slack Traders
Bank reconciliation statement on 31 May 2008

|  | Debit | Credit |
| :---: | :---: | :---: |
| Overdrawn balance according to Bank statement |  | 185 |
| Deposits not yet taken into account | 13000 |  |
| Cheques outstanding: |  |  |
| - 4222 (issued on 24 November 2007) |  | 800 |
| - 4557 (issued on 16 May 2008) |  | 5300 |
| - 4570 (issued on 20 May 2008) |  | 1875 |
| - 4575 (issued on 29 May 2008 but dated 3 July 2008) |  | 2985 |
| Favourable balance according to bank account |  | 6005 |
|  | 13000 | 17150 |

## ADDITIONAL INFORMATION

- Cheque 4222 was issued in favour of Night Aid, a charity organisation as a donation. The charity no longer exists.
- Cheque 4557 appeared on the bank statement for May 2008 as R3500. The amount appeared in the cash payments journal as R5 300. The bookkeeper was unsure on how to deal with this and therefore recorded it as an outstanding cheque. The amount on the bank statement is correct.
- A deposit of R300 for the personal account of Kerry Slack appeared on the bank statement of Slack Traders. The bookkeeper was unsure how to deal with this so he ignored it when preparing the bank reconciliation statement.
- A stop order in favour of Outsurance, R1 450 for the insurance of the business and a direct deposit by a customer for R500 was not considered by the bookkeeper when preparing the bank account.

Time: 120 Minutes
Marks: 200

Name of learner:
Mark obtained:
/200
Percentage obtained:
\%
Rating obtained:

| 7 <br> Outstanding <br> $80-100$ | 6 <br> Meritorious <br> $70-79$ | 5 <br> Substantial <br> $60-69$ | 4 <br> Adequate <br> $50-59$ | 3 <br> Moderate <br> $40-49$ | 2 <br> Elementary <br> $30-39$ | 1 <br> Not <br> achieved <br> $0-29$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

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|  |  |  |  |  |  |
| 69 | 17 | 65 | 33 | 16 | 200 |

PERCENTAGE: $\qquad$ SYMBOL: ......

Comment:

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

Signed: $\qquad$
1.1.1 Depreciation for the year ended 28 February 2008.
1.1.2 Interest paid for the year ended 28 February 2008.
1.2.1 Reconciliation of profit before tax and generated from operations

|  |  |
| :--- | :--- |
| Adjustments in respect of |  |
|  |  |
| Operating profit before changes in working capital |  |
| Changes in Working Capital |  |
| in Inventory |  |
| in Receivables |  |
| Cash Generated from Operations |  |

1.2.1 Income Tax Paid
1.2.3 Cash and Cash Equivalents

|  | Net Change | 28 February <br> $\mathbf{2 0 0 8}$ | 28 February <br> $\mathbf{2 0 0 7}$ |
| :--- | :--- | :--- | :--- |
| Bank |  |  |  |
| Cash Float |  |  |  |
|  |  |  |  |

1.3 Cash Flow Statement for the year ended 28 February 2008.

| Cash Flow from Operating Activities |  |  |
| :--- | :--- | :--- |
| Cash Generated from Operations |  |  |
| Interest Paid |  |  |
| Dividends Paid |  |  |
| Taxation Paid |  |  |

Cash flow from investing Activities

Cash flow from financing Activities

Net Change in Cash Equivalents
2.1 Calculate the stock value for the 230 pens on hand at the year-end.
2.2 Calculate the mark-up \% for the year.
2.3

| TRADING ACCOUNT |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
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2.4Calculate the stock value for the 230 pens on hand at the year-end.

FOXY (Pty) Ltd
Balance Sheet at 30 June 2008

|  | 2008 | 2007 |
| :--- | :--- | :--- |
| ASSETS |  |  |
| Non-Current Assets |  | 500 000 |
| Tangible Assets |  |  |
| Financial Assets |  |  |
| Investment in Shares |  |  |
| Current Assets |  | $\mathbf{6 9 1 0 0}$ |
| Inventory |  |  |
| Trade and Other Receivables |  |  |
| Cash and Cash Equivalents |  | $\mathbf{6 0 ~ 0 0 0}$ |
| TOTAL ASSETS |  | $\mathbf{5 7 2 4 4}$ |
| EQUITY AND LIABILITIES |  |  |
| Shareholder's Equity |  | $\mathbf{1 0 9 0 5 5}$ |
| Share Capital |  |  |
| Share Premium |  |  |
| Accumulated Profits |  |  |
| Non-Current Liabilities |  |  |
| Mortgage Loan |  |  |
| Loan from A.Fox |  |  |
| Current Liabilities |  |  |
| Trade and Other Payables |  |  |
| Short Term Loan |  |  |
| TOTAL EQUITY AND LIABILITIES |  |  |
|  |  |  |

Trade and Other Payables

|  | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 7}$ |
| :--- | :--- | :--- |
| Trade Creditors |  | 69493 |
| Accrued Expenses ( Interest on Mortgage Loan ) |  | 6562 |
| SARS ( Income Tax) |  | 0 |
| Distributions payable to members |  | 33000 |
|  |  | $\mathbf{1 0 9 ~ 0 5 5}$ |

Calculate the Accumulated Profits at 30 June 2008.

## Calculations:

## Return on Capital Employed

Other Calculations:
4.1 Prepare the statement that will show the cost of production of finished goods for the financial year ended 28 February 2008.

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

4.2 Draw up the Finished Goods Stock Account and close off the account on 28 February 2008.

FINISHED GOODS

|  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |
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4.3 Do the following calculations, rounding off to the nearest cent.
4.3.1 Direct material cost per unit

| Question | Assessment Standard | Marks | Percentage | Level of Achievement |
| :---: | :---: | :---: | :---: | :---: |
| 5 | 1.4 | $/ 16$ |  | $\%$ |


|  | Debit | Credit |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Time: 120 Minutes
Marks: 200

Name of learner:
Mark obtained:
/200
Percentage obtained:
\%

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

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|  |  |  |  |  |  |
| 69 | 17 | 65 | 33 | 16 | 200 |

PERCENTAGE: $\qquad$ SYMBOL: ......

Comment:

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

Signed: $\qquad$
1.1.2 Depreciation for the year ended 28 February 2008.
$759000 \checkmark+339400 \checkmark-25000 \checkmark-941900 \checkmark=131500 \boxtimes$
1.1.2 Interest paid for the year ended 28 February 2008.
$180000 \times 13 / 100 \times 6 / 12=11700(\checkmark)$
$120000 \times 13 / 100 \times 6 / 12=7800(\checkmark)$
$2100 \checkmark+19500 \checkmark \checkmark+500 \checkmark+1500 \checkmark=74000 \boxtimes$
1.2.1 Reconciliation of profit before tax and generated from operations

| Profit before taxation | $153000 \checkmark \checkmark$ V |
| :---: | :---: |
| Adjustments in respect of | 151500 |
| Depreciation | 131500 マ |
| Interest Expense | $20000 \checkmark$ |
| Operating profit before changes in working capital | 256500 |
| Changes in Working Capital | 22500 V |
| Increase $\checkmark$ in Inventory ( $72500 \checkmark+500 \checkmark$ )-(74000 $+1000 \checkmark$ ) | ( 2000 ) $\downarrow$ |
| Decrease $\checkmark$ in Receivables (170 000 $-10000 \checkmark+16000 \checkmark$ ) - (147000 $-7000 \checkmark+18000 \checkmark$ ) | 18000 V |
| Increase $\checkmark$ in Payables ( $71000 \checkmark+2400 \checkmark$ ) - ( $65000 \checkmark+1900 \checkmark$ ) | 6500 V |
| Cash Generated from Operations | 327000 V |

### 1.2.1 Income Tax Paid

Balance at the beginning of the year
12500
Amount as per Income Statement
Balance at the end of the year

## Amount Paid

### 1.2.3 Cash and Cash Equivalents

|  | Net Change | 28 February <br> $\mathbf{2 0 0 8}$ | 28 February <br> $\mathbf{2 0 0 7}$ |
| :--- | :--- | :--- | :--- |
| Bank | $41500 \sqrt{ }$ | $30000 \sqrt{ }$ | $(11500) \sqrt{ }$ |
| Cash Float | $2000 \sqrt{ }$ | $8000 \sqrt{ }$ | $6000 \sqrt{ }$ |
|  | $\mathbf{4 3 5 0 0} \checkmark$ | $\mathbf{3 8 0 0 0}$ | $\mathbf{( 5 5 0 0 )}$ |

1.3 Cash Flow Statement for the year ended 28 February 2008.

| Cash Flow from Operating Activities |  | 227900 |
| :---: | :---: | :---: |
| Cash Generated from Operations | 1 | 327 000『 |
| Interest Paid |  | (23 600 ) $\downarrow$ |
| Dividends Paid ( $36000 \checkmark+49500 \checkmark \checkmark-26000 \checkmark$ ) | 3 | ( 59500 ) $\downarrow$ |
| Taxation Paid | 4 | (16000) $\downarrow$ |
| Cash flow from investing Activities |  | ( 314400 ) |
| Purchase of non-current assets |  | $(339400)^{\checkmark}$ |
| Proceeds of sale of non-current assets |  | $25000 \checkmark$ |
| Cash flow from financing Activities |  | 130000 |
| Proceeds from issue of share capital ( $150000 \checkmark+40000 \checkmark$ ) |  | 190000 V |
| Payment of capital portion of long-term loan ( $180000 \checkmark-120000 \checkmark$ ) |  | ( 60000 ) $\downarrow$ |
| Net Change in Cash Equivalents | 2 | 43500 V |

$\checkmark \quad$ If notes are filled in
2.3 Calculate the stock value for the 230 pens on hand at the year-end.

| $10 \times 30$ | $=300$ |
| :--- | :--- |
| $100 \times 32$ | $=3200$ |
| $180 \times 36$ | $=6480$ |
| $200 \times 41$ | $=8200$ |
| SOLD $(\mathbf{2 6 0} \times \mathbf{5 0})$ | $=\mathbf{1 3 0 0 0}$ |

Stock on hand : $\mathbf{3 0 \times 3 6}=1080$
$: \mathbf{2 0 0} \times \mathbf{4 1}=\mathbf{8 2 0 0} \checkmark$
TOTAL
9280 『
2.4 Calculate the mark-up \% for the year.

$$
\frac{3120}{9880} \quad \checkmark \times \frac{100}{1}=31.58 \%
$$

## 2.3

## TRADING ACCOUNT

| Mrch | 1 | Opening Stock (10x30) | GJ | $300 \checkmark$ | Feb | 28 | Sales | GJ | $13000 \checkmark$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Feb | 28 | Purchases | GJ | $17880 \checkmark$ |  |  | Closing Stock | GJ | $9280 \checkmark$ |
|  |  | Carriage on Purchases | GJ | $980 \checkmark$ |  |  |  |  |  |
|  |  | Profit \& Loss $\checkmark$ | GJ | $3120 \square$ |  |  |  |  |  |
|  |  |  |  | 22280 |  |  |  |  | 22280 |
|  |  |  |  |  |  |  |  |  |  |

2.5 Calculate the stock value for the 230 pens on hand at the year-end.
$(300+3200+6480+8200)=18180 \checkmark+980 \checkmark=19160 / 490 \checkmark=39.10 \square$

FOXY（Pty）Ltd
Balance Sheet at 30 June 2008

|  | 2008 | 2007 |
| :---: | :---: | :---: |
| ASSETS |  |  |
| Non－Current Assets | 637 000V | $500000 \square$ |
| Tangible Assets | $637000 \checkmark$ | 500000 |
| Financial Assets | 218000 V | $162000 \square$ |
| Investment in Shares（ $3600 \times 45$ ）$+(1000 \times 56)$ | $218000 \checkmark \checkmark$ | $162000 \checkmark \checkmark$ |
| Current Assets（ $119055 \times 1.8$ ） | 156028 V | $214299 \square$ |
| Inventory（ $119055 \times 0.8$ ） | 37378 V | $95244 \checkmark \checkmark$ |
| $\qquad$ | 51400 V | 49 955『 |
| Cash and Cash Equivalents（ $69100 \checkmark-1850 \checkmark$ ） | 67 250V | 69100 |
| TOTAL ASSETS | 1011028 V | $876299 \square$ |
| EQUITY AND LIABILITIES |  |  |
| Shareholder＇s Equity | 548 513『 | 499 744『 |
| Share Capital | 382 500『 | $382500 \square$ |
| Share Premium | $60000 \checkmark$ | 60000 |
| Accumulated Profits | 106013 V | 57244 |
| Non－Current Liabilities | 247500 V | $257500 \square$ |
| Mortgage Loan | 230000 V | $240000 \square$ |
| Loan from A．Fox | $17500 \checkmark$ | $17500 \checkmark$ |
| Current Liabilities | 215015 V | 119055 |
| Trade and Other Payables | 205 015マ | 109055 |
| Short Term Loan | $10000 \checkmark$ | 10000 |
| TOTAL EQUITY AND LIABILITIES | 1011028 V | $876299 \square$ |

Trade and Other Payables

|  | 2008 | 2007 |
| :---: | :---: | :---: |
| Trade Creditors ( $69493 \checkmark+78346 \checkmark$ ) | 147 839『 | 69493 |
| Accrued Expenses ( Interest on Mortgage Loan ) | $18000 \checkmark$ | 6562 |
| SARS ( Income Tax) ( $14449 \checkmark-13223 \checkmark$ ) | 1226 V | 0 |
| Distributions payable to members ( $33000 \times 1.15$ ) | 37950 V | 33000 |
|  | 205015 V | 109055 |

Calculate the Accumulated Profits at 30 June 2008.
Balance at the beginning of the year 57244

Net Profit after taxation ( $125418 \checkmark-24250 \checkmark-14449 \checkmark$ ) 86719

Ordinary Share Dividends $\underline{(37950)}^{\checkmark}$

Balance at the end of the year 106013

## Calculations:

Return on Capital Employed
${ }_{836120} \underline{\mathrm{X}}^{\mathrm{X}} \quad \underline{100}_{1}=15 \checkmark$

$\mathbf{X}=\mathbf{1 2 5} \mathbf{4 1 8}$ ( Net profit before interest and tax )

## Other Calculations:

$(\mathrm{X} \times 10 / 100 \checkmark \times 3 / 12 \checkmark)+((\mathrm{X}-10000) \quad \checkmark \times 10 / 100 \times 9 / 12 \checkmark)=$
$X / 40+3 X / 40-30000 / 40=24250$
$4 X=1000000$
$X=250000 \square$

## REQUIRED:

4.1 Prepare the statement that will show the cost of production of finished goods for the financial year ended 28 February 2008.

| Direct / Prime Cost | 336820 |
| :---: | :---: |
| Direct Materials Cost ( $27630 \checkmark+7210 \checkmark+207850 \checkmark-38440 \checkmark$ ) | 204250 |
| Direct Labour Cost ( 132570 ) | $132570 \checkmark$ |
| Factory Overhead Cost (6210 ${ }^{\text {a }}+15660 \checkmark-8330 \checkmark+32440 \checkmark+113550 \checkmark+56900 \checkmark+33500 \checkmark+22330 \checkmark$ ) | 272260 |
| Total Manufacturing Cost | 609080 V |
| Work-in-Progress at the beginning of the year | $15670 \checkmark$ |
|  | 624750 V |
| Work-in-Progress at the end of the year | $11210 \checkmark$ |
| Cost of production of finished Goods | 635960 V |

4.2 Draw up the Finished Goods Stock Account and close off the account on 28 February 2008.

FINISHED GOODS

| Mrch | 1 | Balance | b/d | $42550 \checkmark$ | Feb | 28 | Cost of sales $\checkmark$ |  | GJ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Feb | 28 | Work - In - Progress $\checkmark$ | GJ | $635960 \checkmark$ |  |  | Balance | $620 \sqrt{ }$ |  |
|  |  |  |  |  |  |  |  | c/d | $46890 \checkmark$ |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | $\mathbf{6 7 8 5 1 0}$ |  |  |  |  |  |  |
| Mrch | 1 | Balance | b/d | 46890 |  |  |  | $\mathbf{6 7 8 5 1 0}$ |  |

4.3 Do the following calculations, rounding off to the nearest cent.
4.3.1 Direct material cost per unit

204250 V/ $20000 \checkmark=10.21$ V
4.3.2 How many units must Reflector Manufacturers sell in order to make a R18 360 profit?
$\underline{272260}{ }^{\checkmark}+18360{ }^{\checkmark}$
49.53 - 16.84 च
$=8890$ V

|  | Debit | Credit |
| :--- | :---: | :---: |
| Debit balance as per bank statement $\checkmark$ | $185 \checkmark$ |  |
| Credit deposit not yet credited by the bank $\checkmark$ |  | $13000 \checkmark$ |
| Debit cheques not yet presented for payment $\checkmark$ | $1875 \checkmark$ |  |
| No. 4570 | $2985 \checkmark$ |  |
| No. 4575 | $300 \checkmark$ |  |
| Debit with incorrect amount credited $\checkmark$ | $7655 \checkmark$ |  |
| Debit balance as per bank account |  | $\mathbf{1 3 0 0 0}$ |
| (6 005 + 800 $\checkmark \checkmark+1800 \checkmark \checkmark-1450 \checkmark+500 \checkmark)$ | $\mathbf{1 3 0 0 0}$ |  |
|  |  |  |

