## ACCOUNTING PAPER 1

## GRADE 12

Time: 2 hours
Marks: 220

## Instructions to Candidates:

1. This paper consists of 12 pages (including the front cover).
2. Read the questions carefully and only answer what is required.
3. There is a complete answer book. There is a clearly marked page for each answer sheet.
4. It is in your interest to write legibly and to present your work neatly.
5. You must answer the exam paper in pencil.
6. You may not use green or red ink.
7. A non-programmable calculator may be used.


## Question 1 (42 marks; 20 minutes)

The following information was extracted from the accounting records of Grade 12 Traders Ltd.
1.1 Grade 12 Traders Ltd is a registered vendor and they submit their VAT return every second month: February, April, June, August, October and December. The financial year of Grade 12 Traders Ltd ends annually on 28 February. Study the following information extracted from the accounting records of Grade 12 Traders Ltd and then answer the questions that follow.

## I nformation

## Summary of transaction for the VAT period ending 28 February 2009. All amounts are inclusive of VAT at $14 \%$.

1. Total sales, R427 500
2. Total purchases (excluding fixed assets), R193 800. This includes items purchased for the owners personal use, R2 280.
3. Fixed assets purchased, R85 500.
4. Total cash and cheques received from debtors, R92 000 in settlement of accounts of R96 600.
5. Total cheques paid to creditors, R83 000. R4 731 was received in discount from creditors.
6. Bad debts written off, R2 850.

## Questions to be answered

1.1.1 To whom is VAT paid?
1.1.2 Calculate the Output VAT for the VAT period ending 28 February 2009.
1.1.3 Calculate the Input VAT for the VAT period ending 28 February 2009.
1.1.4 In which financial statement and where in the financial statement will the amount owed for VAT be recorded for the VAT period ending 28 February 2009?
1.1.5 By what date must VAT be paid over to the relevant authority and what interest penalty is imposed by this authority?
1.2 From the information given below prepare the following accounts in the books of Grade 12 Traders Ltd for the period 1 March 2008 to 28 February 2009. o SA Revenue Services (Income Tax)
o Ordinary Share Dividends
o Appropriation Account

## I nformation

1. The authorised share capital of Grade 12 Trader Ltd comprises 4000000 ordinary shares of 100 cents each. On 1 March 2008, 2400000 ordinary shares were in issue at par value. On 1 September 2008, a further 300000 ordinary shares were issued at a premium of 40 cents per share.
2. At the beginning of the current accounting period, 1 March 2008, the following balances appeared amongst others in the General ledger:
Accumulated Profits, R550 000
SA Revenue Services, R8 000 (credit)
Shareholders for Dividends, R135 000
3. The following transactions took place during the financial year
3.1 The amounts owed to SA Revenue Services and the shareholders were paid on 1 April 2008.
3.2 On 31 August 2008, the first provisional tax payment of R237 000 was made. Interim dividends of 16 cents per share were paid on that date.
3.3 On 25 February 2009, the second provisional tax payment of R237 000 was made.
3.4 After completion of the audit, the following were determined on 28 February 2009:
o net profit after tax, R945 000
o income tax for the year, $30 \%$ of pre-tax profits
o total dividend declared and paid for the current financial year amounted to 30 cents per share.

## QUESTION 2 ( 30 marks; 20 minutes)

The information given below was extracted from the accounting records of Grade 12 Manufacturers, a manufacturing business selling off the rail clothing.

## Required

2.1 Supply the missing details marked A - E.
2.2 Calculate the missing amounts marked 1 - 7.

## Information

1. Production cost statement for the year ended 30 J une 2009

| Raw materials consumed | 1100000 |
| :--- | ---: |
| Raw materials on hand on 1 July 2008 | $\mathbf{2}$ |
| A | 1050000 |
| Railage on raw materials | 75000 |
| Raw materials available | $\mathbf{1}$ |
| Raw materials on hand on 30 June 2009 | $(175000)$ |
| B | 360000 |
| Primary costs | 1460000 |
| C | $\mathbf{3}$ |
| Indirect labour | $\mathbf{4}$ |
| Depreciation | 175000 |
| Repairs to machinery | 50000 |
| Other expenses | $\mathbf{5}$ |
| D | 2000000 |
| E | $\mathbf{6}$ |
|  | $\mathbf{?}$ |
| Work in progress 30 June 2009 | $\mathbf{7}$ |
| Cost of finished goods manufactured | $\mathbf{8}$ |
| Cost per unit | R140,00 |

2. Additional information

- Total salaries and wages bill for the year ended 30 J une 2009 amounted to R900 000. 40\% is for direct labour, R378 000 is for selling and administration salaries and the remainder is for indirect labour.
- During the course of the financial year 15000 units were produced.
- $20 \%$ of all raw materials consumed during the financial year are still in the process of being made on 30 June 2009.


## Question 3

## Part A

12 Traders Ltd has an authorised 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 12 Traders Ltd.

## Required

3.1 Prepare the following with regards to the Cash flow statement for 2009:
3.1.1 Note showing the reconciliation between profit before tax and cash generated from operations.
3.1.2 Calculations of dividends paid
3.1.3 Calculation of interest paid
3.2 Calculate and comment on the debt to equity ratio for 2009. The debt to equity ratio for 2008 was 0,2: 1 .
3.3 Calculate the following for 2009 and comment briefly:
3.3.1 Dividends per share (DPS for 2008, 12 cents per share)
3.3.2 Earnings per share (EPS for 2008, 50 cents per share)

## I nformation:

## Extract from the I ncome Statement of Bailey Stores for the year ended

 28 February 2009| Sales | 600000 |
| :--- | ---: |
| Income tax | 60000 |
| Net profit for the year after tax | 90000 |
| Interest on loan | 12900 |
| Depreciation: Equipment | $?$ |
| Depreciation: Vehicles | 27200 |

Extract from the Balance Sheet of Bailey Stores on 28 February

|  | Notes | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ |
| :--- | :--- | ---: | ---: |
| Fixed Assets |  | 544400 | 437600 |
| Current Assets |  |  |  |
| Inventory |  | 134000 | 162000 |
| Trade and other receivables |  | 28000 | 36000 |
| Cash and cash equivalents |  | 56800 | 16400 |
| Ordinary share capital |  | 50000 | 400000 |
| Share premium |  | 72000 | 40000 |
| Accumulated / Retained income | 76000 | 32000 |  |
| Loan: Sharks Bank (15\% pa) |  | 75200 | 86000 |
| Trade and other payables |  | 8000 |  |

## Additional information:

- $40 \%$ of sales were on credit
- Equipment was bought during the year.
- A vehicle was sold on 28 February 2009 at carrying value.
- No other fixed assets were bought and sold
- The following dividends were declared during the financial year:

Interim dividend R30 000
Final R20 000
Total R50 000
Notes to the financial statements:

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


| 5. | Trade and other receivables | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ |
| :--- | :--- | ---: | ---: |
|  | Trade debtors | 23000 | 34000 |
|  | SARS (Income Tax) | 2800 | - |
|  | Accrued income | 800 | 500 |
|  | Prepaid expenses | 1400 | 1500 |


| 10. | Trade and other payables | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ |
| ---: | :--- | ---: | ---: |
|  | Trade creditors | 54400 | 63300 |
|  | SARS (Income Tax) | - | 8000 |
|  | Accrued expenses (interest on Ioan) | 800 | 700 |
|  | Shareholders for dividends | 20000 | 12000 |

## Part B

### 3.4 Income Statement

You are provided with information relating to Samora Sports Limited. The company sells sports equipment and repairs equipment for their customers.

## REQUIRED:

Prepare the Income Statement for the year ended 30 J une 2009 after taking all the adjustments and additional information into account.

## I NFORMATI ON:

1. Figures extracted from the Pre-Adjustment Trial Balance on $\mathbf{3 0} \mathbf{J}$ une 2009:

| Ordinary share capital(R5 par value) | 1200000 |
| :---: | :---: |
| Fixed deposit | 160000 |
| Trading stock | 215000 |
| Debtors control | 39090 |
| Mortgage Ioan from Credbank | 281200 |
| Sales | 1703200 |
| Debtors allowances | 17000 |
| Cost of sales | ? |
| Service fee income( in respect of repairs) | 297140 |
| Rent income | 105000 |
| I nterest income | 11200 |
| Salaries and wages | 234750 |
| Employers' contributions to Pension Fund and UF | 53200 |
| Audit fees | 30000 |
| Directors' fees | 230000 |
| Consumable stores | 51100 |
| Bank charges | 5240 |
| Sundry expenses | ? |

Adjustments and additional information:
2. The auditors have identified the following errors or omissions:
2.1 The auditors are owed a further R28 000 after completing the audit.
2.2 Bank charges of R310 reflected on the J une 2009 bank statement have not yet been entered in the books.
2.3 A credit note issued to a debtor, A.Mona, dated 28 J une 2009 was not recorded in the books. The credit note was for:

1. Goods returned by A. Mona, R6200 (the cost was R4 800)
2. Price reduction on unsatisfactory repair of a tennis racket, R540
2.4 The stock count on $\mathbf{3 0}$ J une 2009 revealed the following on hand:
3. Trading stock, R202 000
4. Consumable stores, R900
2.5 An employee was left out of the Salaries J ournal for J une 2009.

The details from his pay-slip were:
Gross salary R6 000
PAYE deduction (18\%) 1080
Pension deduction (7,5\%) 450
UIF 60
Net salary R4410
The business contributions were:

1. Pension Fund: 10,5\% of gross salary
2. UIF: Rand-for-Rand basis
2.6 The tenant paid the July and August rent in J une 2009. The rent was increased by R700 per month on 1 January 2009.
2.7 I nterest on the loan was capitalised. The loan statement from Credbank on $\mathbf{3 0}$ J une 2009 reflects the following:
$\begin{array}{lr}\text { LOAN STATEMENT ON 30 J UNE } 2009 & \\ \text { Balance on } 1 \text { J uly } 2008 & \text { R332 } 800 \\ \text { Interest charged } & \text { ? } \\ \begin{array}{l}\text { Monthly payments to Credbank } \\ \text { in terms of loan agreement (12 months } \times \text { R4300) } \\ \text { Balance on } \mathbf{3 0} \text { J une } 2009\end{array} & \text { R51 } 600 \\ \text { R326 } 000\end{array}$
The interest expense for the year has not been entered in the books.
2.8 Use the following percentages to calculate the missing figures:
3. Mark-up \% achieved: 60\% on cost
4. Operating profit for the year is $\mathbf{2 0 \%}$ on sales
5. Income tax rate: $\mathbf{3 0 \%}$ of net profit

## Question 4 (50 marks; 30 minutes)

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 year ended 28 February 2009:

## I nformation:

| Extracted balances on | $\mathbf{2 8}$ February <br> $\mathbf{2 0 0 9}$ | $\mathbf{1}$ March <br> $\mathbf{2 0 0 8}$ |
| :--- | ---: | :---: |
| Debtors Control | R27 990 | R24 090 |
| Trading Stock | R46 000 | R48 000 |
| Creditors Control | R53 400 | R47 600 |
| Sales | R720 000 |  |
| Purchases | R398000 |  |
| Carriage 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.
4.2 Each recent increase in the petrol price on average increases the fuel expense by R500 per month. The bookkeeper is concerned about the regular donation to the SPCA as she says that the profit from these goods could go towards recouping the increase in the fuel expense. Michelle is adamant that the donations continue.
Give two reasons why the business should continue to donate the stock.
4.3 The following figures were extracted from the ledgers for December 2008 Sales R65 000 (Gross profit margin of 60\% for December)
Rent Expense R8 000
Salaries and wages R18 000
Cash drawings R20 000 plus an additional R2 000 of goods for her own 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.

## Calculate the credit purchase of stock for the month of December 2008.

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 how long it takes debtors to settle their debts and comment on this.
4.4.2 What effect has this on the businesses cash flow?
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 ethical choice. Advise Michelle on this matter and suggest an alternative strategy to encourage her debtors to pay faster.
4.5 Michelle is budgeting for 2009 and has calculated the following:

| Date of Stock <br> Purchase | Number of <br> Units | Cost per Unit |
| :--- | :---: | :---: |
| Opening Stock | 480 | 100 |
| 3 March 09 | 200 | 110 |
| 17 March 09 | 150 | 120 |
| 31 March 09 | 170 | 100 |
| Closing Stock | 460 |  |

She needs to insure her stock at the highest possible value. Determine which stock valuation method she should use i.e. FIFO or Weighted Average.
4.6 The bookkeeper is concerned that the auditors will object to her monthly drawings of stock, as she read in the newspaper that a local businessman, Z Jacob, was charged with defrauding the business by drawing stock for his own 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.

## ANSWER BOOKLET

NAME.

## READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. This Answer Book consists of 8 pages (including the front cover).
2. There is a clearly marked page for each answer.
3. Make sure your rough work is legible and comprehensible.
4. You may not use green or red ink.

| Question 1 | Question 2 | Question 3 | Question 4 | Total |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| 42 | 30 | 98 | 50 | 220 |


| Paper 1 220 | Paper 2 100 | TOTAL 320 |
| :--- | :--- | :--- |
|  |  |  |

## PERCENTAGE:

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

## Question 1

1.1
1.1.1
1.1.2

### 1.1.4

Financial statement:
Where in the financial statement:

### 1.1.5

Date: $\qquad$ (1)

Penalty: (1)
1.2

General ledger of Grade 12 Traders Ltd SARS (I/T)

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

(8)
Ordinary share dividend
(8)

|  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |
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Appropriation account
(12)

Page $\mathbf{1 3}$ of $\mathbf{2 9}$

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## Question 2

2.1

A
B
C
D
(5)

E
2.2

| Missing amount 1 | Missing amount 2 |
| :---: | :---: |
|  |  |
| Missing amount 3 |  |
|  |  |
| Missing amount 5 |  |
|  |  |
|  |  |
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|  |  |

$\square$
(25)

## Question 3-Part A

### 1.1. Notes to the Cash Flow Statement of Bailey Limited as at 28 February 2009

3.1.1 $\quad$ Reconciliation between profit before taxation and cash generated from operations

| Net profit before tax |  |
| :--- | :--- |
| Adjustment for: |  |
| Interest expense |  |
| Depreciation |  |
| Profit before changes in working capital |  |
| Changes in working capital |  |
| In inventories |  |
| In receivables |  |
| Cash payables |  |

(21)
3.1.2 Dividends paid
(4)

### 3.1.3 Interest paid

(4)

### 3.2 Calculate the debt to equity ratio for 2009

|  |  |
| :--- | :--- |
|  |  |
| Comment | $(5)$ |

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$\qquad$
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$\qquad$
3.3
3.3.1 Dividends per share
$\square$
3.3.2 Earnings per share
$\square$
Comment
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Question 3-Part B (3.4)
SAMORA SPORTS LI MITED
I NCOME STATEMENT FOR THE YEAR ENDED 30 J UNE 2009

| Sales 1 703 200 |  |
| :--- | :--- |
| Cost of Sales |  |
| GROSS PROFIT |  |
| Operating Income |  |
| Service fee income 297140 |  |
| Rent income 105 000 |  |
| Operating Expenses |  |
| Salaries and wages 234 750 |  |
| Employer's contributions 53 200 |  |
| Audit fees 30 000 |  |
| Director's fees |  |
| Consumable stores 51 100 |  |
| Bank charges 5 240 |  |
| Sundry expenses |  |
|  |  |
|  |  |
| Operating Profit for the year |  |
|  |  |
|  |  |
|  |  |
| Net profit before tax |  |
| Income Tax |  |
| NET PROFI T FOR THE YEAR |  |

## Question 4

4.1 Suggest how she should record the new programme and what she should consider over the next two years.
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$\qquad$
$\qquad$
$\qquad$
$\qquad$
4.2 Give two reasons why the business should continue to donate the stock.
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$\qquad$
4.3 Calculate the credit purchase of stock for the month of December 2009.

4.4.2 What effect has this on the businesses cash flow? (2)
$\qquad$
$\qquad$
4.4.3 Advise Michelle on this matter and suggest an alternative strategy to encourage her debtors to pay faster. (5)
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
4.5 Determine which stock valuation method she should use i.e. FIFO or Weighted Average.
4.6 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)

## MEMORANDUM

GRADE 12 - 2009

## Question 1

## 1.1

1.1.1 SARS $\checkmark(1)$
1.1.2 (4)
$427500 \times 14 / 114=52500 \checkmark$ sales
$4600 \times 14 / 114=(564,91) \checkmark$ disc allow
$2850 \times 14 / 114=(350) \checkmark$ bad debts
Output VAT = R51 585,09 $\checkmark$
1.1.3 (5)
(193 800-2 280) x 14/114 = $23520 \checkmark \checkmark$ purchases/drawings
$85500 \times 14 / 114=10500 \checkmark$ fixed assets
$4731 \times 14 / 114=(581) \checkmark$ disc rec
Input VAT = R33 $439 \checkmark$
1.1.4

Financial statement: Balance sheet $\sqrt{ }$
Where in the financial statement: Trade and other payables $\checkmark$
1.1.5

Date: $25^{\text {th }}$ of next month $\checkmark$ (1)
Penalty: $10 \%$ interest $\checkmark$
1.2

General ledger of Grade 12 Traders Ltd
SARS (I/T)

| 2008 |  |  |  |  |  |  |  |
| :--- | :--- | :--- | ---: | :--- | :--- | :--- | ---: |
| Apr | 01 | Bank | $\checkmark$ | 2008 |  |  | $\checkmark$ |
|  |  |  | 8000 | Mar | 01 | Balance | 8000 |
| Aug | 31 | Bank | $\checkmark$ | 2009 |  |  | $\checkmark$ |
| 2009 |  |  | 237000 | Feb | 28 | Income tax $\checkmark$ | 405000 |
| Feb | 25 | Bank | 237000 |  | 28 | Balance | $69000 \checkmark$ |
|  |  |  | 474000 |  |  |  | 474000 |
| Mar | 01 | Balance | $69000 \checkmark$ |  |  |  |  |

(8)

Ordinary share dividend
(8)

| 2008 |  |  | $\checkmark \checkmark$ | 2009 |  |  | $(\checkmark)$ |
| :--- | :--- | :--- | ---: | :--- | :--- | :--- | ---: |
| Aug | 31 | Bank $\checkmark$ | 384000 | Feb | 28 | Appropriation $\checkmark$ | 762000 |
| 2009 |  | Shareholders | $\checkmark \checkmark$ |  |  |  |  |
| Feb | 28 | for dividends $\checkmark$ | 378000 |  |  |  |  |


|  |  |  | 762000 |  |  |  | 762000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Appropriation account (12) |  |  |  |  |  |  |  |
| $\begin{aligned} & 2009 \\ & \text { Feb } \end{aligned}$ | 28 | Income tax $\checkmark$ | $\begin{array}{r} \checkmark \checkmark \\ 405000 \end{array}$ | $\begin{aligned} & 2009 \\ & \text { Feb } \end{aligned}$ | 28 | Accumulated Profit $\checkmark$ | $\begin{array}{r} \checkmark \\ 550000 \end{array}$ |
|  | 28 | Ordinary share dividend $\checkmark$ | $\begin{array}{r} (\checkmark) \\ 762000 \end{array}$ |  | 28 | Profit and loss $\checkmark$ | $\begin{array}{r} \checkmark \checkmark \\ 1350 \\ 000 \end{array}$ |
|  | 28 | Accumulated profit | $\begin{array}{r} (\checkmark) \\ 733000 \end{array}$ |  |  |  |  |
|  |  |  | $\begin{array}{r}1900 \\ 000 \\ \hline\end{array}$ |  |  |  | $\begin{array}{r} 1900 \\ 000 \\ \hline \end{array}$ |

## Question 2

## 2.1 (5)

A Raw materials purchased $\checkmark$
B Direct labour $\checkmark$
C Factory overheads $\checkmark$
D Total cost of manufactured goods
E Work in progress: 1 July $2008 \checkmark$
2.2

| Missing amount 1 | Missing amount 2 |
| :---: | :---: |
| $\begin{aligned} & 1100000+175000=\text { R1 } 275 \\ & 000 \checkmark \checkmark \checkmark \end{aligned}$ | $\begin{aligned} & 1275000-1050000-75000 \\ & =R 150000 \checkmark \checkmark \checkmark \checkmark \end{aligned}$ |
| Missing amount 3 | Missing amount 4 |
| $\underset{\checkmark \checkmark \checkmark}{2} 000000-1460000=\text { R540 } 000$ | $\begin{aligned} & 900000-360000-378000= \\ & \text { R162000 } \checkmark \checkmark \checkmark \end{aligned}$ |
| Missing amount 5 | Missing amount 6 |
| $\begin{aligned} & 540000-162000-175000-50000 \\ & =\text { R153000 } \checkmark \checkmark \checkmark \end{aligned}$ | $\begin{aligned} & 2320000-2000000=R 320 \\ & 000 \checkmark \checkmark \checkmark \end{aligned}$ |
| Missing amount 7 | Missing amount 8 |
| $1100000 \times 20 \%=R 220000 \checkmark \checkmark \checkmark$ | $140 \times 15000=$ R2 $100000 \checkmark \checkmark \checkmark$ |

## Question 3

| Notes to the Cash Flow Statement of Bailey February | ited as at |
| :---: | :---: |
| Reconciliation between profit before taxation and generated from operations (21) |  |
| Profit before tax (60000 $2+90000 \checkmark$ ) | $\checkmark 150000$ |
| Adjustment in respect of: | 56100 |
| Interest on loans (49200-33200) | $\checkmark 12900$ |
| Depreciation (27 $200 \checkmark+16000 \checkmark \checkmark \checkmark$ ) | ( $\checkmark$ )43 200 |
| Operating profit before changes in working capital | ( $\checkmark$ ) 206100 |
| Changes in working capital | ( $\checkmark$ ) 29900 |
| Decrease in inventory (162000-134000) | $\checkmark \checkmark \checkmark 28000$ |
| Decrease in trade and other receivables(36000-25200) | $\checkmark \checkmark \checkmark 10800$ |
| Decrease in trade and other payables (63300-54400) | $\begin{array}{r} \checkmark \checkmark \checkmark(8 \\ 900) \end{array}$ |
| Cash generated from operations | ( $\checkmark$ ) 236000 |


|  | Dividends paid (4) |  |
| ---: | :--- | ---: |
|  | Amount owing at the end of the previous year | $\checkmark(12000)$ |
|  | Dividends paid and recommended | $\checkmark(50000)$ |
|  | Amount owing at the end of the current year | $\checkmark 20000$ |
|  | Amount paid | $(\checkmark)(42$ |
| $000)$ |  |  |


| Interest paid (4) V , , | $\checkmark$ |
| :---: | :---: |
| Accrued at beginning of year or $700+12900-$ $800=12800$ or | $\checkmark 700$ |
| Income Statement amount | $\checkmark 12900$ |
| Accrued at end of year | $\checkmark$ (800) |
| Amount paid | $\checkmark 12800$ |

Calculate the debt / equity ratio for 2009 (5)

```
LTL : Shareholder's Equity
76000 \checkmark : (500 000\checkmark + 50 000\checkmark + 72000\checkmark)
76000 : }62200
    0.12 : 1 (\checkmark)
```


## Comment (4)

- Ratio has improved from 0,2: 1 to 0,12: $1 \checkmark \checkmark$
- Financial risk low as the company has R1 of own capital to cover 12c of borrowed capital $\checkmark \checkmark$
- The business would be seen as creditworthy by banks
- The decrease in the ratio is due to the decreased loan and the new share issue

Dividends per share
(3)

Dividend / Issued shares Issued shares $=500000 / 2$ $50000(\checkmark)$ (see divs calc) / $250000 \checkmark$ $=250000$ 20c per share $(\checkmark)$

## Earnings per share <br> (3)

Earnings / Issued shares
$90000 \checkmark / 250000(\checkmark)$ (see 1.3.1.)
36c per share $(\checkmark)$

Comment $2 \times \checkmark \checkmark$

- Dividends have increased from 12c to 20c per share.
- Earnings have decreased from 50 c to 36 c per share.
- In spite of decreased earnings, the company has paid out over $50 \%$ of earnings as a dividend.
- Shareholder may not be happy - co. should be retaining some of earnings to improve profitability
- Shareholder happy - good return, better than other financial institutions.
- High dividends possibly to keep shareholders happy and distract them from reduced earnings.


## Question 3-Part B (3.4)

## SAMORA SPORTS LI MITED

I NCOME STATEMENT FOR THE YEAR ENDED 30 J UNE 2009

$$
\sqrt{ } \sqrt{ } \sqrt{ }
$$

| Sales 1703200-17000-6200 | 1680000 |
| :---: | :---: |
| Cost of Sales 1680000x100/160 | $\begin{aligned} & 1050000 \sqrt{ } \sqrt{ } \\ & \text { or( } \sqrt{ }) \end{aligned}$ |
| GROSS PROFIT | 630000 ( V $)$ |
| Operating Income | 386000 ( $\sqrt{ }$ ) |
| Service fee income 297140-540 $\sqrt{ } \sqrt{ }$ | $296600 \sqrt{ }$ |
| Rent income 105000-15600 $\sqrt{ } \sqrt{ } \sqrt{ }$ | 89400( $\sqrt{ }$ ) |
| $\begin{aligned} & \text { Operating Expenses( } 630000+386000- \\ & 336000 \text { ) } \\ & \hline \end{aligned}$ | (680000)( $\sqrt{ }$ ) |
| Salaries and wages 234750+6000 $\sqrt{ } \sqrt{ }$ | 240750( $\sqrt{ }$ ) |
| Employer's contribution $53200+630+60 \sqrt{ } \sqrt{ }$ | 53890 ( $\sqrt{ }$ ) |
| Audit fees 30000+28000V | $58000 \sqrt{ }$ |
| Director's fees | 230000 |
| Consumable stores 51100-900V | 50200V |
| Bank charges 5240+310V | $5550 \sqrt{ }$ |
| Sundry expenses (Balancing figure) | 23810 ( $\sqrt{ }$ ) ( $\sqrt{ }$ ) |
| Trading stock deficit 215000+4800-202000 | $17800 \sqrt{ } \sqrt{ } \sqrt{ }$ |
|  |  |
|  |  |
| Operating Profit for the year 20\%x1680000 | $336000 \sqrt{ }$ /or( $\sqrt{ }$ ) |
| Interest incomeV | $11200 \sqrt{ }$ |
| Profit before Interest expense $\sqrt{ }$ <br> Interest expense $\sqrt{ }$ 326000-281200 <br> NET PROFIT BEFORE TAX FOR THE YEAR | $\begin{aligned} & 347200(\sqrt{ }) \\ & (44800) \sqrt{ } \sqrt{ } \sqrt{ } \\ & 302400(\sqrt{ }) \end{aligned}$ |
| Income Tax 30\%x302400 | (90720) ( $\sqrt{ }$ ) or $\sqrt{ } \sqrt{ }$ |
| NET PROFIT FOR THE YEAR | 211680( $\sqrt{ }$ ) |

(50)

Rent income 105000=14 mths<br>6 mths $=x+700$<br>+2 mths $=8 \times 700=5600$<br>105000-5600=99400/14=7100<br>$=7100+700=7800 \times 2 \mathrm{mths}$<br>$7800 \times 2=15600$

## Question 4

4.1.(5)

```
Asset \(\sqrt{ }\)
Depreciate over 1 year \(\checkmark\) - then book value at R1 \(\checkmark \checkmark\) for second 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 year end. Prepaid expense at year end \(\checkmark \checkmark\)
```

4.2. (4)

Goodwill within the community $\checkmark \checkmark$
Tax deduction $\checkmark \checkmark$
Older stock not becoming obsolete and therefore having to be written off
4.3.(7)

```
Cost of Sales \(65000 \times(100 \%-60 \%)=\) R26 \(000 \checkmark \checkmark\)
+ Drawings of Stock =R \(2000 \checkmark \checkmark\)
+ Donations of Stock =
                                R33 000『 \(\mathrm{x} 80 \%=\) R26 400 \(\downarrow\)
```

4.4.1.(7)

| Ave Debtors $\times 365$ | $\left.\underline{(27990}{ }^{\checkmark}+24090 \checkmark\right)^{\text {/ }}$ 2 | 26400 |  |
| :---: | :---: | :---: | :---: |
| Credit Sales 1 | $720000 \times 40 \%$ | $=288000 \checkmark \checkmark$ | $=33$ days $\checkmark$ |
| Good as the norm is |  |  |  |

4.4.2. (2)

This has a favourable effect on the cash flow. Cash is collected faster than it is paid out.

4．4．3．（5）
Allowed to increase the interest rate $\checkmark$
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 rates linked 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 customers credit rating
In difficult current economy already
Alternative：
Offer more settlement discount $\checkmark \checkmark$
Improve admin system（credit collection，accounts）
Threaten legal action
4.5 （14）

```
FIFO
\(170 \times 100=17000 \checkmark\)
\(150 \times 120=18000 \checkmark\)
\(\underline{140} \checkmark \times 100=\underline{15400} \checkmark\)
\(460 \quad 50\) 400『
Weighted Average
\(480 \times 100=48000 \checkmark\)
\(200 \times 110=22000 \checkmark\)
\(150 \times 120=18000 \checkmark\)
\(\underline{170} \times 110=\underline{17000} \checkmark\)
\(1000105000 \checkmark / 1000 \checkmark=\) R105『 \(\times 460\) units = R48 300『
```

First In，First Out $\square$ is the higher

## 4.6 （6）

## Michelle

Recording all drawings in the business books $\checkmark \checkmark \checkmark$
Not passing her own expenses off onto the business $\checkmark \checkmark \checkmark$
Offse against her capital contribution so value of her equity I accurate
Z Jacob probably did not record his drawings or passed off his personal use of goods as a business expense

