## Education

KwaZulu-Natal Department of Education REPUBLIC OF SOUTH AFRICA

## NATIONAL SENIOR CERTIFICATE

## GRADE 12



MARKS: $\mathbf{3 0 0}$
TIME: 3 HOURS

This question paper consists of 20 pages and an answer booklet of 14 pages.

Accounting Downloade d from Stanm ore pfys ifferparald Examination September 2017 NSC

## INSTRUCTIONS AND INFORMATION

Read the following instructions carefully and follow them precisely.

1. Answer ALL the questions.
2. A special ANSWER BOOK is provided in which to answer ALL the questions.
3. Show workings in order to achieve part-marks.
4. You may use a non-programmable calculator.
5. You may use a dark pencil or blue/black ink to answer the questions.
6. Where applicable, show all calculations to ONE decimal point.
7. Write neatly and legibly.
8. Use the information and table below as a guide when answering the question. Try NOT to deviate from it.

|  | Question 1: 40 marks; 25 minutes |  |
| :--- | :--- | :---: |
| Topic of the question | This question integrates: |  |
| Reconciliation | Financial accounting |  |
|  | Concepts, Bank Reconciliation and Creditors |  |
|  | Reconciliation <br> Managing resources <br> Internal control |  |


| QUESTION 2: 40 marks; 25 minutes |  |
| :--- | :--- |
| Topic of the question | This question integrates: |
| VAT and Stock valuation | Managing resources <br> Inventory valuation: weighted average, FIFO <br> and internal control: problem-solving |


| QUESTION 3: 80 marks; 45 minutes |  |
| :--- | :--- |
| Topic of the question | This question integrates: |
| Audit report and Company | Financial accounting <br> Financial Statements. |
| Concepts, Income Statement <br> and Balance Sheet notes |  |


| QUESTION 4: 60 marks; 35 minutes |  |
| :--- | :--- |
| Topic of the question | This question integrates: |
|  | Financial accounting |
| Note, Cash Flow Statement and | Concepts |
| Interpretation. | Cash Flow Statement |
|  | Calculations and financial indicators |
|  | Analysis and interpretation |


| QUESTION 5: 50 marks; 30 minutes |  |
| :--- | :--- |
| Topic of the question | This question integrates: |
| Manufacturing | Managerial accounting |
|  | Concepts |
|  | Direct material cost |
|  | Factory overheads |
|  | Production Cost Statement |
|  | Analysis and interpretation of unit costs and |
|  | Break-even point |
|  | Managing resources |
|  | Internal control |


| QUESTION 6: $\mathbf{3 0}$ marks; 20 minutes |  |
| :--- | :--- |
| Topic of the question | This question integrates: |
| Cash Budget and internal <br> control <br> downloaded from stanmor | Managerial accounting <br> Managing resources <br> Analys and interpretation of a cash budget |

 NSC

## QUESTION 1 CONCEPTS AND RECONCILIATION (40 Marks; 25 Minutes)

### 1.1 CONCEPTS

Choose a term/concept from the list given to complete the sentences below. Write only the term next to the question number (1.1.1-1.1.4) in the ANSWER BOOK.

> Stale cheque, debit, credit, debit order, Debit cheque, Debit interest income and credit debtors control,
> Debit debtors control and credit interest income
1.1.1 A favourable balance in the bank account in the general ledger is a balance.
1.1.2 The journal entry made for interest charged on the debtors overdue account is recorded as
1.1.3 A.......... grants permission to a third party to automatically receive monthly payment from the current banking account of a business.
1.1.4 A cheque that is more than six months old will not be cashed by the bank because it is a.

### 1.2 BANK RECONCILIATION

You are presented with information relating to Xolani Book Bazaar for February 2017.

## REQUIRED:

1.2.1 Show the entries that must be recorded in the Cash Journals by completing the table provided in the ANSWER BOOK.
1.2.2 Prepare the Bank Reconciliation Statement on 28 February 2017.
1.2.3 As the internal auditor you are not happy with the manner in which cash is being controlled in this business. Identify ONE problem and provide a figure to support your answer. Give advice on how this problem can be avoided in future.

## INFORMATION:

A. Information from the Bank Reconciliation Statement on 31 January 2017.

| Favourable balance as per Bank Statement |  | 30000 |
| :--- | :--- | ---: |
| Outstanding <br> deposit | Dated 30 January 2017 | 37500 |
| Outstanding <br> cheques: | No.111 ( dated 1 August 2016) | 4700 |
|  | No.267 ( dated 27 January 2017) | 8000 |
|  | No.321 (dated 15 February 2017) | 13000 |
| Eavourabledbalapce as per Bank, Account in the ledger |  |  |

B. Provisional totals in the Cash Journals on 28 February 2017:

- CRJ R107 200
- CPJ R121 165
C. A comparison of the February 2017 Bank Statement with the Bank Reconciliation Statement on 31 January 2017 revealed the following:
- Only cheque No. 267 and the deposit of R37 500 appeared on the Bank Statement for February 2017.
- Cheque No. 111 was issued to the Planet Fitness Club in payment of the owners membership fees. The club no longer exists.
D. A comparison of the February 2017 Bank Statement with the Cash Journals for February 2017 revealed the following:
- Bank charges of R960 on the Bank Statement were not recorded in the relevant journal.
- A dishonoured cheque for R6 680 appeared on the Bank Statement. This cheque was received from B Zola, a debtor, in settlement of his account of R7 370.
- Interest of R520 credited on the Bank Statement was not recorded in the Journals.
- Cheque No. 421 issued to a creditor appeared correctly on the Bank Statement as R8 940. This was recorded as R9 840 in the Cash Payment Journal.
- A debit order of R1 200 for the monthly insurance appeared twice on the Bank Statement in error, but no entry has been made in the Journals.
E. The February 2017 Cash Receipts Journal reflected the following outstanding deposits:
- R25 000 on 6 February 2017
- R17 000 on 27 February 2017
F. Cheques from the February 2017 Cash Payments Journal not yet presented for payment:
- No. 531 for R6 500 (dated 23 February 2017)
- No. 561 for R8 100 (dated 25 February 2017)
G. The Bank Statement reflected a favourable balance of R9 515 on 28 February 2017.


### 1.3 CREDITORS RECONCILIATION

Zulu Stores buys goods on credit from Zwane Suppliers.

## REQUIRED:

1.3.1 Use the table provided to indicate the changes that must be made:

- In the creditor's ledger account of Zwane Suppliers in the books of Zulu Stores.
- In the statement of account.
1.3.2 Explain how the creditor's reconciliation statement can assist the business in terms of their internal control. State TWO points.


## INFORMATION:

A. The account of Zwane Suppliers in the Creditors Ledger of Zulu Stores had a balance of R38 100 on 31 May 2017. The statement of account received from Zwane Suppliers showed a balance of R40 800 on 25 May 2017.
B. An investigation revealed the following errors and omissions:
(i) Invoice 458, R4 100, appeared only in the Creditors Ledger. It was for goods that Zulu Stores bought from another supplier, Nxumalo Suppliers.
(ii) Invoice 431 for R5 300 was recorded correctly on the statement of account. It appeared as R3 500 in the Creditors Ledger.
(iii) Invoice 463, R22 000, was erroneously shown by Zwane Suppliers in the statement of account. An investigation revealed that it was for goods supplied to another business. Zwane Suppliers will rectify this error on the next statement of account.
(iv) Discount of R900 was shown correctly on the statement of account. Zulu Stores had in error overstated this amount by R400 in the Creditors Ledger.
(v) Merchandise returned by Zulu Stores, R1 800, was in error recorded as an invoice on the statement of account.
(vi) Merchandise, R21 000, was purchased on credit from Zwane Suppliers after the closing date of the statement of account. The entry appeared only in the Creditors Ledger.

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## QUESTION 2 VAT AND STOCK VALUATION

(40 marks, 25 minutes)

### 2.1 VAT

You are provided with information relating to Nkuzi Stores for the VAT period ended 31 July 2017. The standard VAT rate of $14 \%$ is applicable.

## REQUIRED:

2.1.1 After taking into account the errors and omissions, calculate the VAT amount that is either payable to or receivable from SARS. Indicate whether this amount is receivable or payable.
2.1.2 The internal auditor discovered that the owner, M Ngubane, used the VAT collected from customers to pay expenses of the business. Therefore, he was unable to pay the VAT owed to SARS on the due date.

State ONE point of advice that you would offer M Ngubane concerning this practice.

## INFORMATION:

A. Amount due to SARS on 1 July 2017, R89 600.
B. Amount from the Journals on 31 July 2017:

|  | INCLUDING <br> VAT | VAT <br> AMOUNT | EXCLUDING <br> VAT |
| :--- | :---: | :---: | :---: |
| Sales | R1 128 600 | $?$ | $?$ |
| Credit purchases of stock | $?$ | R47 040 | $?$ |
| Stock returned by debtors | R104 880 | $?$ | 92000 |
| Stock taken by owner | R13680 | $?$ | 12000 |
| Bad debts written off | R79 800 | R9 800 | $?$ |

C. The following errors and omissions were noted:

- VAT on sales was recorded incorrectly. Certain goods with a selling price of R100 000 (excluding VAT) should have been recorded as zero-rated items.
- VAT on discounts granted to debtors were not recorded. The total discount allowed amounted to R38 304. (included VAT)


### 2.2 STOCK VALUATION

You are provided with information relating to Tholeni Stores. The business sells one type of leather jackets. The financial year ended on 28 February 2017. The business uses the weighted-average method for stock valuation and the periodic stock system.

## REQUIRED:

2.2.1 Calculate the value of the closing stock on 28 February 2017 using the weighted-average method.
2.2.2 Calculate the average stock-holding period (in days) on 28 February 2017.
2.2.3 Comment on the stock-holding period and explain how this would affect the business. Stock-holding period for 2016 was 100 days.
2.2.4 Calculate the value of the closing stock using the FIFO method.

## INFORMATION:

A. Stock balances:

| Date | Jackets | Total value <br> (including carriage) |
| :--- | :---: | :---: |
| 1 March 2016 | 610 | R312 900 |
| 28 February 2017 | 420 | $?$ |

B. Purchases:

| Date | Number <br> of <br> ofacts | Cost price <br> per jacket | Total <br> purchases | Carriage <br> per <br> jacket | Total cost <br> (including <br> carriage) |
| :--- | ---: | ---: | ---: | ---: | ---: |
| $15 / 03 / 2016$ | 500 | R 450 | R 225000 | R 20 | R 235000 |
| $20 / 08 / 2016$ | 800 | R 480 | R 384000 | R 25 | R 404000 |
| $28 / 11 / 2016$ | 700 | R 620 | R 434000 | R 20 | R 448000 |
| 05/02/2017 | 400 | R 650 | R 260000 | R 25 | R 270000 |
| TOTAL | 2400 |  | R 1303000 |  | R 1375000 |

C. Returns:

Twenty (20) jackets from the purchases on 5 February 2017 were returned. The supplier agreed to refund the business the full amount for the cost including the carriage per jacket.
D. Sales for the financial year ended:

| 28 February2017 | 28 February 2016 |
| :---: | :---: |
| R3 100 000 | R1 800000 |

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## QUESTION 3 AUDIT REPORT AND COMPANY FINANCIAL STATEMENTS

(80 Marks;45 Minutes)

### 3.1 AUDIT REPORTS

Match the type of audit report in column A with the audit opinion in column B. Write only the letter (A-C) next to the question number (3.1.1-3.1.3) in the Answer Book.

|  | COLUMN A | COLUMN B |  |
| :--- | :--- | :--- | :--- |
| 3.1.1 | Qualified audit report | A. | In our opinion, except for the effect of <br> the unauthorized interest free loan to <br> the Chief Operations Officer, the <br> annual financial statement presents <br> fairly, in all material respects, the <br> financial position of Zondi Ltd on <br> 31March 2017. |
| 3.1.2 | Unqualified audit report | B. | We have not been able to obtain <br> sufficient audit evidence to provide for <br> an audit opinion. Accordingly, we <br> cannot express an opinion on the <br> financial statements of Zolly Ltd for <br> the year ended 28 February 2017. |
| 3.1.3 | Disclaimer report | C. | In our opinion, the annual financial <br> statements present fairly, in all material <br> respects, the financial position of Zungu <br> Ltd. as at 30 April 2017. |

### 3.2 ZOLA LTD

You are provided with information taken from the financial records of Zola Ltd. The financial year ended on 28 February 2017.

## REQUIRED:

3.2.1 Complete the Income Statement (Statement of Comprehensive income) for the year ended 28 February 2017. Certain amounts are inserted in the Answer Book.
3.2.2 Prepare the following notes to the Balance Sheet ( Statement of
Financial Position): Financial Position):

- Fixed/Tangible Assets
- Trade and Other Receivables


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## INFORMATION:

Extract of from the Pre- Adjustment Trial Balance on 28 February 2017:

| Balance Sheet Accounts | R |
| :---: | :---: |
| Ordinary share capital | 1344000 |
| Retained income (1 March 2016) | 700000 |
| Land and buildings | 5000000 |
| Vehicles (1 March 2016) | 800000 |
| Equipment (1 March 2016) | 760000 |
| Accumulated depreciation on vehicles ( 1 March 2016) | 536000 |
| Accumulated depreciation on equipment (1 March 2016) | 650000 |
| Mortgage loan | 975400 |
| Fixed deposit (8,5\% p.a.) | 520000 |
| Trading stock | 1534000 |
| Debtors control | 280200 |
| Provision for bad debts (1 March 2016) | 11000 |
| Creditors control | 420180 |
| SARS: income tax (provisional tax payments) | 290000 |
| Nominal Accounts |  |
| Sales | 9472000 |
| Cost of sales | ? |
| Debtors allowances | 70000 |
| Salaries and employers contribution | 926687 |
| Directors fees | 860000 |
| Audit fees | 79000 |
| Packing material | 13600 |
| Sundry expenses * | 292330 |
| Bad debts | 12100 |
| Rent income | 153120 |
| Bad debts recovered | 3860 |
| Interest on fixed deposit | 27000 |
| Interest on loan | 30030 |
| Interest on current account | 9300 |
| Dividends on ordinary shares (interim dividends) | 55000 |
| Depreciation | 83200 |
| ¢rofit on disposal of asset mote prysics.com | 20000 |

## Adjustments and additional information:

A. A credit note for R45 000 issued to a debtor, on 26 February 2017, was recorded as goods sold on credit. Goods are sold at a profit mark-up of $50 \%$ on cost.
B. A debtor, B Zulu, who owes R1 200, has been declared insolvent. His estate paid 40 cents in the Rand. This amount was received and recorded. Write off the balance.
C. Adjust the Provision for Bad Debts to 5\% of good book debts.
D. Stock counts on 28 February 2017 revealed the following on hand:

Trading stock
R1 620000
Packing material
R1 200
E. External auditors are owed a further R6 000 for the financial year ended 28 February 2017.
F. Advertising is included as part of sundry expenses account. An amount of R15 000 has been paid for the period 1 January 2017 to 31 March 2017.
G. Rent income was received for 13 months to 31 March 2017. On 1 January 2017 the rent decreased by $8 \%$.
H. Outstanding interest on fixed deposit must be taken into account. A further fixed deposit of R60 000 was invested on 1 August 2016. This was properly recorded. Interest on fixed deposit is not capitalised.
I. Land and buildings were purchased during the financial year for R3 000000 . This was properly recorded.
J. Depreciation on vehicles amounted to R83 200. A vehicle costing R500 000 was sold for R120 000 cash on 28 February 2017. The business made a profit of R20 000 on the sale of the vehicle. This transaction was recorded.
K. Depreciation on equipment is calculated at $15 \%$ p.a on the cost price. This equipment is very old. New equipment was purchased on credit on 1 February 2017 for R110 000. This transaction was not recorded.
L. The income tax for the year is calculated at $30 \%$ of the net profit.

## QUESTION 4 NOTE, CASH FLOW STATEMENT AND INTERPRETATION

(60 Marks; 35 Minutes)
4.1 Choose a term in COLUMN $B$ that matches the description in COLUMN $A$. Write only the letter (A-E) next to the question number (4.1.1-4.1.5) in the ANSWER BOOK.

| COLUMN A |  | COLUMN B |  |
| :--- | :--- | :--- | :--- |
| 4.1.1 | The extent to which a company is <br> financed by loan. | A | Liquidity |
| 4.1.2 | An increase in inventory indicates <br> an ...... of cash. | B | Solvency |
| 4.1 .3 | An increase in creditors indicates <br> an ...... of cash. | C | Gearing |
| 4.1 .4 | Ability of the business to pay off all <br> its debts. | D | Outflow |
| 4.1 .5 | Ability of the business to pay off its <br> short-term debts. | E | Inflow |

### 4.2 LEMBEDE LTD

You are provided with information relating to Lembede Ltd for the financial year ended 30 June 2017.

REQUIRED:
4.2.1 Prepare the Ordinary Share Capital note to the Balance Sheet.
4.2.2 Fill in the missing amounts on the Cash Flow Statement. Show all workings in brackets.
4.2.3 Calculate the Current ratio for 2017.
4.2.4 Comment on the following financial indicators. Quote figures.

- \% gross profit on the cost of sales.
- \% operating expenses on sales.

Note: The intended mark-up is $50 \%$ on cost.
In each case, provide a reason for change.
4.2.5 From 2016 to 2017 the directors made a deliberate decision to change the policy on the distribution of profit in the form of dividends. Explain this change. Quote figures/calculations to support your answer.
4.2.6 Shareholders are satisfied with the issue price of the new shares.

Quote TWO financial indicators with figures to support this statement.
4.2.7 One of the directors feel that the loan should be paid as soon as possible. Do you agree? Explain. Quote TWO financial indicators with figures to support your answer.
4.2.8 The shareholders should be satisfied with the return on their investment and the companies' earnings. Explain TWO financial indicators with do wnlfigures torsupportathis opiniony sic s.com

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## INFORMATION:

A. SHARE CAPITAL:

- 1000000 ordinary shares were in issue on 30 June 2016, the end of the previous financial year.
- 400000 ordinary shares were issued on 1 July 2016.
- 120000 ordinary shares were repurchased on 31 December 2016 from the estate of a shareholder who had died. The shares were repurchased at R2,60 above the average issue price.
B. Extract from Income Statement for the year ended 30 June 2017:

|  | R |
| :--- | :--- |
| Depreciation | 112000 |
| Interest expense | 144000 |
| Income tax | 268800 |
| Net profit after tax | 627200 |

C. Extract from Balance Sheet on 30 June 2017:

|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |
| :--- | ---: | ---: |
|  | $\mathbf{R}$ | $\mathbf{R}$ |
| Fixed assets (carrying value) | $\mathbf{4 0 1 3 2 0 0}$ | 2875200 |
| Fixed deposit | 200000 | 800000 |
| Current assets | $\mathbf{1 0 1 5 0 0 0}$ | $\mathbf{4 5 6 0 0 0}$ |
| Inventories | 564000 | 288000 |
| Trade and other receivables | 152000 | 160000 |
| SARS: income tax | 94000 | - |
| Cash and cash equivalents | 205000 | 8000 |
| Shareholders' equity | $\mathbf{?}$ | $?$ |
| Ordinary share capital | $\mathbf{7 9 3 6 0 0 0}$ | 5000000 |
| Retained income | $\mathbf{?}$ | $?$ |
| Non-current liabilities | $\mathbf{5 2 0 0 0 0}$ | $\mathbf{1 6 0 0 0 0 0}$ |
| Current liabilities | 340000 | $\mathbf{1 3 1 6 0 0 0}$ |
| Trade and other payables | 128000 | 180000 |
| Shareholders for dividends | $\mathbf{-}$ | 350000 |
| SARS: income tax | - | 86000 |
| Bank overdraft |  | 850000 |

D. Dividends

- An interim dividend of 20 cents per share was paid on 30 November 2016.
- A final dividend of 10 cents per share was recommended on 30 June 2017. Shares repurchased on 30 June 2017 also qualify for final dividends.
E. Fixed assets
- Certain fixed assets with a carrying value of R200 000 were sold during the year.
- Fixed assets were also purchased during the financial year.
F. The following financial indicators were calculated:

| INDICATORS | 30 June 2017 | 30 June 2016 |
| :--- | ---: | ---: |
| \% gross profit on cost of sales | $42 \%$ | $39 \%$ |
| $\%$ operating expenses on sales | $19 \%$ | $25 \%$ |
| Return on shareholders' equity | $18 \%$ | $10.6 \%$ |
| Return on capital employed | $24 \%$ | $14 \%$ |
| Debt/equity ratio | $0.06: 1$ | $0.28: 1$ |
| Earnings per share | 49 cents | 45 cents |
| Dividends per share | 30 cents | 45 cents |
| Net Asset Value per share | 695 cents | 572 cents |
| Current ratio | $?$ | $0.6: 1$ |
| Acid-test ratio | $0.9: 1$ | $0.2: 1$ |
| Rate of stock turnover | 5 times | 3 times |
| Interest rate on loan | $16 \%$ | $12 \%$ |
| Interest rate on investment | $6 \%$ | $5 \%$ |
| Market value per share on JSE | 810 cents | 720 cents |

## QUESTION 5

MANUFACTURING
(50 Marks;30 Minutes)

### 5.1 CONCEPTS

Choose the cost category for examples below. Write only the cost category next to the question number (5.1.1-5.1.4) in the ANSWER BOOK.

Selling and distribution cost; direct labour cost; administration cost; factory overhead cost; direct material cost.

### 5.1.1 Electricity paid for factory buildings.

5.1.2 Salaries paid to the sales personnel
5.1.3 Cost of raw materials used in the production process
5.1.4 Sundry expenses paid for the office.

### 5.2 ZANDILE MANUFACTURERS

You are provided with information relating to Zandile Manufacturers for the year ended 28 February 2017. The business produces one type of air conditioner.

REQUIRED:
5.2.1 Calculate the Direct Material Cost
5.2.2 Calculate the Factory Overhead Cost
5.2.3 Prepare the Production Cost Statement for the year ended 28 February 2017.

## INFORMATION:

A. The following balances appeared among others in the books of the business:

|  | 28 February 2017 | 1 March 2016 |
| :--- | ---: | ---: |
| Raw material stock | R86 000 | R180 000 |
| Work-in-process stock | $?$ | R150000 |
| Finished good stock | R170 000 | R500 000 |
| Indirect material: factory | R18000 | R25000 |
| Administration cost | R13 000 |  |

B. Summary of transactions:

| Raw material purchased | R400 000 |
| :--- | ---: |
| Raw materials returned to suppliers | R7000 |
| Carriage on raw materials paid | R5000 |
| Total salaries and wages paid | R350 000 |
| Water and electricity paid | R98 000 |
| Factory indirect materials purchased | R35 000 |
| Sundry expenses paid | R85 600 |
| Rent expenses paid | R56500 |

C. The salaries and wages amount is distributed as following:

- $50 \%$ to employees who work directly on the production process
- $20 \%$ to indirect labour
- $15 \%$ to administrative staff
- $15 \%$ to sales and distribution staff

The employer contributes $8 \%$ to the pension fund and $1 \%$ to the UIF on behalf of each employee.
D. Water and electricity

- The water and electricity bill is shared among the factory, administration and sales section in the ratio 4:3:1.
E. Indirect materials:
- Indirect materials costing R9 000 were transferred from the factory to the administration office.
F. Rent expenses
- Rent amount for February 2017, R 5500 will only be paid in March 2017.
- Rent is allocated according to floor area as follows:

Factory $1200 \mathrm{~m}^{2}$, administration $100 \mathrm{~m}^{2}$ and selling and distribution $300 \mathrm{~m}^{2}$
G. Cost of sales was correctly calculated at R1 200000.

### 5.3 Mamma's Bakery

The following information was extracted from the books of Mamma's Bakery for the year ended on 28 February 2017. The bakery is owned by Alwande Mbatha.

## REQUIRED:

5.3.1 Calculate the Break-even point for 2017.
5.3.2 Explain why the owner should be concerned about the break-even point. Provide TWO points.
5.3.3 Provide one reason for the decrease in the Direct Material Cost.

## INFORMATION:

| Fixed and variable cost | 2017 |  | 2016 |
| :---: | :---: | :---: | :---: |
|  | Total | Per unit | Per unit |
| Variable costs: Direct Materials | R91 500 | R7.50 | R8.00 |
| Direct Labour | R73 200 | R6.00 | R5.70 |
| : Selling \& Distribution | R42 700 | R3.50 | R3.40 |
|  | R207 400 | R17.00 | R17.10 |
|  |  |  |  |
| Fixed costs : Factory overheads | R63 440 | R5.20 | R4.70 |
| : Administration | R34 160 | R2.80 | R2.50 |
|  | R97 600 | R8.00 | R7.20 |
|  |  |  |  |
| Break-even point |  | ? | 7795 |
| Units produced |  | 12200 | 11800 |
| Selling price (per unit) |  | R25 | R25 |
|  |  |  |  |

## QUESTION 6 CASH BUDGET AND INTERNAL CONTROL

You are provided with information relating to Brockie Traders. The business is owned by Jeremy Brockie.

### 6.1 CASH BUDGET

## REQUIRED:

6.1.1 Prepare a Debtors Collection Schedule for November 2017.
6.1.2 Calculate:

- the payment to creditors for November 2017.
- the loan amount for October 2017.
- the amount for advertising in September 2017.
6.1.3 The following budgeted and actual figures for August 2017 were identified. Jeremy is concerned about the significant difference. Provide him with a possible reason for each item. Give ONE point of advice in each case.

|  | Budgeted | Actual |
| :--- | :---: | :---: |
| Fuel | R9 200 | R20 000 |
| Rent income | R10 000 | R3 000 |

## INFORMATION:

## A. Sales and Cost of sales

- Credit sales amounts to $70 \%$ of total sales.
- The business uses a mark-up of $60 \%$ on cost.
- Stock is replaced monthly.
- $40 \%$ of goods are bought on credit and the rest for cash.
- Creditors are paid in the month following the purchase of stock.
B. Collection from debtors

Debtors pay according to the following trend:

- $35 \%$ of debtors pay their accounts in the month of sale to receive a $5 \%$ discount.
- $40 \%$ pay in the month after sale. ( 30 days)
- $20 \%$ pay two months after sale. (60 days)
- $5 \%$ of accounts are written off.
C. Advertising

Advertising has increased by 9\% from 1 October 2017.
D. Loan

The interest rate on the loan is $16 \%$ p.a. interest on loan is not capitalized as this was a loan provided by the owner's wife.
E.

|  | Sept. 2017 | Oct. 2017 | Nov. 2017 |
| :--- | :---: | :---: | :---: |
| RECEIPT |  |  |  |
| Cash sales | 390000 | 270000 | 264000 |
| Collection from debtors | 762575 | 717475 | $?$ |
| Rent income | 9000 | 9000 | 9000 |
| Loan |  | $?$ |  |
|  |  |  |  |
| PAYMENTS | 487500 | 337500 | 318750 |
| Cash purchases | 180000 | 325000 | $?$ |
| Payments to creditors | 278000 | 294680 | 294680 |
| Salaries and wages | $?$ | 7630 | 7630 |
| Advertising | 25000 | - | - |
| Training of employees | - | 3000 | 3000 |
| Interest on loan |  |  |  |

### 6.2 MANAGEMENT OF FIXED ASSETS

You are the internal auditor for Showe Traders. The owner is concerned that he is spending too much on delivering goods to customers. He has provided you with figures for June 2017.

## REQUIRED:

Identify ONE different problem regarding each vehicle/driver. Quote figures. Give John ONE point of advice for EACH problem identified.

## INFORMATION:

A. John has three delivery vehicles and employs three drivers to transport goods to his customers free of charge. The drivers are expected to work five days per week. There are four weeks in June.
B. Some customers live close by while others live further away. None of the customers live more than 20 km from the shop (i.e. maximum 40 km round trip).
C. Information from the accounting records for June 2017.

|  | Vehicle 1 | Vehicle 2 | Vehicle 3 |
| :--- | :--- | :--- | :---: |
|  | Sibusiso | Jabulani | Xolani |
| Name of driver | 1 July 2015 | 1 June 2013 | 1 April 2008 |
| Date of purchase | R270 000 | R102 000 | R1 |
| Carrying value | 12 | 20 | 20 |
| Number of days driver <br> worked | Ralary of driver per month | R8 000 | R5 000 |
| R5 000 |  |  |  |
| Number of deliveries made | 48 | 80 | 120 |
| Average number of trips <br> per day | 4 | 4 | 6 |
| Kilometers travelled | 1300 | 4600 | 3000 |
| Average number of <br> kilometers per trip | 27 | 58 | 25 |
| Petrol (litre) used | 59 | 209 | 214 |
| Kilometers per liter | 22 | 22 | 14 |
| Petrol costs <br> (R11,31 per litre) | R667 | R2 364 | R2 420 |
| Petrol costs per km | R0,51 | R0,51 | R0,81 |

TOTAL:


## Education

KwaZulu-Natal Department of Education REPUBLIC OF SOUTH AFRICA


## NATIONAL SENIOR CERTIFICATE

GRADE 12

Name:

| Grade: |  |  |  |  |  |
| :---: | :---: | :--- | :--- | :--- | :---: |
| QUESTION | MARKS | MOD BY THE <br> SCHOOL | MOD BY THE <br> CLUSTER | MOD BY THE <br> PROVINCE |  |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |
| 6 |  |  |  |  |  |
| TOTAL |  |  |  |  |  |

N.B. This answer book consists of 14 pages

## QUESTION 1

1.1

| 1.1 .1 |  |
| :--- | :--- |
| 1.1 .2 |  |
| 1.1 .3 |  |
| 1.1 .4 |  |


1.2.1

| CRJ |
| :---: |
| 107200 |
|  |
|  |
|  |
|  |
|  |
|  |


| CPJ |
| :---: |
| 121165 |
|  |
|  |
|  |
|  |
|  |
|  |


1.2.2

| Bank reconciliation statement on 28 February 2017. |  |  |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |


1.2.3 As the internal auditor you are not happy with the manner in which cash is being controlled in this business. Identify ONE problem and provide a figure to support your answer. Give advice on how this problem can be avoided in future.

| Problem | Advice |
| :---: | :---: |
|  |  |
|  |  |

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Downloaded from StanmorepfyNEES.com

|  | Creditors ledger | Creditors reconciliation <br> statement |
| :--- | :---: | :---: |
|  | 38100 | 40800 |
| (i) |  |  |
| (ii) |  |  |
| (iii) |  |  |
| (iv) |  |  |
| (v) |  |  |
| (vi) |  |  |
|  |  |  |
|  |  |  |

1.3.2 Explain how the creditor's reconciliation statement can assist the business in terms of their internal control measures. State TWO points.

| TOTAL MARKS |
| :---: |
| 40 |

## QUESTION 2

2.1.1 After taking into account the errors and omissions, calculate the VAT amount that is either payable to or receivable from SARS. Indicate whether this amount is receivable or payable.

Receivable/Payable: $\qquad$
2.1.2 The internal auditor discovered that the owner, M Ngubane, used the VAT collected from customers to pay expenses of the business. Therefore, he was unable to pay the VAT owed to SARS on the due date.

State ONE point of advice that you would offer M Ngubane concerning this practice.

2.2.1 Calculate the value of the closing stock on 28 February 2017 using the weighted-average method.
2.2.2 Calculate the average stock-holding period (in days) on 28 February 2017.
2.2.3 Comment on the stock-holding period and explain how this would affect the business
Comment

How this would affect the business.
$\square$
2.2.4 Calculate the value of the closing stock by using the FIFO method.


| TOTAL MARKS |
| :---: |
| 40 |

## QUESTION 3

| 3.1 | 3.1 .1 |
| :--- | :--- |
| 3.1 .2 |  |
| 3.1 .3 |  |

### 3.2.1 Next page

### 3.2.2 Tangible asset

|  | Land and <br> buildings | Vehicles | equipment |
| :--- | :---: | :--- | :--- |
| Carrying value at the <br> beginning |  |  |  |
| Cost price at the beginning | 2000000 | 800000 |  |
| Accumulated depreciation at <br> the beginning | $(0)$ | $(536000)$ | $(650000)$ |
|  |  |  | $(0)$ |
| Movements |  |  |  |
| Additions |  |  |  |
|  |  |  |  |
|  | 5000000 |  |  |
|  | $(0)$ |  |  |
| Cost price at the end |  |  |  |
| Accumulated depreciation at <br> the end |  |  |  |



Trade and Other Receivable

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

### 3.2.1 ZOLA LTD

INCOME STATEMENT FOR THE YEAR ENDED 28 FEBRUARY 2017

| Sales |  |
| :--- | :--- |
| Cost of sales |  |
|  |  |
| Operating income |  |
| Rent income (153 120 |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Gross income |  |
| Other operating expenses |  |
| Salaries and employers contribution |  |
| Directors fees |  |
| Audit fees (79 000 |  |
| Packing material (13 600 |  |
| Sundry expenses ( 292 330 |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## QUESTION 4

4.1

| 4.1 .1 |  |
| :--- | :--- |
| 4.1 .2 |  |
| 4.1 .3 |  |
| 4.1 .4 |  |
| 4.1 .5 |  |


4.2.1 Ordinary Share Capital note

| Authorised shares |  |  |
| :--- | :--- | :--- |
| 1900000 shares |  |  |
| Issued shares |  |  |
| 1000000 | Shares at the beginning @ R 5 | 5000000 |
|  |  |  |
|  |  |  |
|  |  |  |

### 4.2.2 Cash Flow Statement on 30 June 2017.

| Cash flow from operating activities |  |
| :--- | ---: |
| Cash generated by operations | $\mathbf{1 2 2 5 ~ 8 0 0}$ |
| Interest paid | $\mathbf{( 1 4 4 0 0 0 )}$ |
|  |  |
|  |  |
| Cash flow from investing activities | $\mathbf{2 0 0 0 0 0}$ |
|  | $\mathbf{6 0 0 0 0 0}$ |
| Proceeds on sale of fixed assets |  |
| Decreased in fixed deposit | $\mathbf{1 0 0 0 0 0 0 )}$ |
| Cash flow from financing activities |  |
|  |  |
| Repayment of loan | $\mathbf{2 0 5 0 0 0}$ |
|  |  |
| Cash and Cash Equivalents at the end of the year |  |
| downloaded from stanmorepfysic s.com |  |

### 4.2.3 Calculate the Current ratio for 2017.


4.2.4 Comment on the following financial indicators:

|  | Comment with figures | Reason for change |
| :--- | :--- | :--- |
| \% gross <br> profit on <br> the cost of <br> sales. |  |  |
|  |  |  |
|  |  |  |
| \% operating |  |  |
| expenses |  |  |
| on sales. |  |  |

4.2.5 From 2016 to 2017 the directors made a deliberate decision to change the policy on the distribution of profit in the form of dividends. Explain this change. Quote figures/calculations to support your answer.
4.2.6 Shareholders are satisfied with the issue price of the new shares. Quote TWO financial indicators with figures to support this statement.
$\qquad$

4.2.7 One of the directors feel that the loan should be paid as soon as possible. Do you agree? Explain. Quote TWO financial indicators with figures to support your answer.
$\qquad$

4.2.8

The shareholders should be satisfied with the return on their investment and the companies' earnings. Explain TWO financial indicators with figures to support this opinion.

| TOTAL MARKS |
| :---: |
|  |
| 60 |

## QUESTION 5

5.1

5.2.1 Calculate the Direct Material Cost

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


5.2.2 Calculate the Factory Overhead Cost

| Depreciation | 32000 |
| :--- | :--- |
| Sundry expenses | 49800 |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |


| Production cost statement |  |  |  |
| :--- | :--- | :---: | :---: |
|  |  |  |  |
| Prime Cost |  |  |  |
|  |  |  |  |
| Production Cost |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Production Cost of finished goods |  |  |  |


5.3.1 Calculate the Break-even point for 2017.
$\qquad$

5.3.2 Explain why the owner should be concerned about the break-even point. Provide TWO points.


### 5.3.3 Provide one reason for the decrease in the Direct Material Cost.



## QUESTION 6

| Prepare a Debtors Collection Schedule for November 2017. |  |  |  |  |  |
| :--- | :--- | ---: | :---: | :---: | :---: |
|  |      Month Credit sales September October November <br> August 1246000 498400 249200       <br> September 910000 302575 364000       <br> October 630000  209475       <br> November          <br> TOTAL  $\mathbf{8 0 0 ~ 9 7 5}$ $\mathbf{8 2 2} \mathbf{6 7 5}$       |  |  |  |  |

### 6.1.2

| The payment to creditors for November 2017. |
| :--- |
|  |

## The loan amount for October 2017

$\qquad$

The amount for advertising in September 2017

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6.2 MANAGEMENT OF FIXED ASSETS

Identify ONE different problem regarding each vehicle/driver. Quote figures to support your answers. Give John ONE point of advice for EACH problem identified.

| Problem |  | Advice |
| :--- | :--- | :--- |
| Vehicle 1 <br> (Sibusiso) |  |  |
|  |  |  |
| Vehicle 2 <br> (Jabulani) |  |  |

TOTAL MARKS

30

MARKS:
MARKING PRINCIPLES:
Penalties for foreign items are applied only if the candidate is not losing marks elsewhere in the question for
that item. No double penalty applied. Penalties for placement or poor presentation (e.g. details) are applied only if the candidate is earning marks on
the figures for that item. Full marks for correct answer. If answer incorrect, mark the workings provided.

Unless otherwise indicated, the posifive or negative effect of any figure must be considered to award the mark If no + or - sign or bracket is provided, assume that the figure is positive.
Where indicated, part-marks may be awarded to differentiate between diffe candidates.
This memorandum is not for public distribut on differentiate between differing qualities of answers from This memorandum is not for public distribution, as certain items might imply incorrect treatment. The
adjustments made are due to nuances in a certain question. Where penalties are applied, the marks for that section of the question cannot be a final negative. before awarding the mark. In awarding method marks, ensure that candidates do not gens 'Operation \& one part correct'. Be aware of candidates who provide valid altematves beyond the marks for any ittem that is incorrect.
Codes: fforeign item; $p=$ placement.
This memorandum consists of 14 pages



4 $\square$

| ounting | 9 |  | Preparatory Examination September 2017 |  |
| :---: | :---: | :---: | :---: | :---: |
| 4.2.3 | Calculate the Current ratio for 2017. |  |  |  |
|  | $1015000 \checkmark$ : $468000 \checkmark$ |  |  |  |
| 2.2:10 aperation one parforrect |  |  |  |  |
|  |  |  |  | 3 |
| 2.4 | Comment on the following financial indicators: |  |  |  |
| Q |  | Comment with figures $\checkmark \checkmark$ | Reason for change $\checkmark \checkmark$ |  |
| 4 4 4 4 4 | \% gross profit on the cost of sales. | Increased from 39\% to $42 \% .42 \%$ is less than the mark-up of $50 \%$ | - Advertising used to increase sales. <br> - Improved marketing strategies. <br> - Purchased from cheaper suppliers. <br> - Trade discount allowed to customers. |  |
| $\lambda$ | \% operating expenses on sales. | improved/decreased from $25 \%$ to $19 \%$ | - Kept within budget <br> - Avoided wastage <br> - Increase sales <br> - Cut down expenses |  |
|  |  |  |  | 4 |
|  |  |  |  |  |
| 4.2.5 | From 2016 to 2017 the directors made a deliberate decision to change the policy on the distribution of profit in the form of dividends. Explain this change. Quote figures/calculations to support your answer. |  |  |  |
|  | Response for figutes/caleulation $\sqrt{*} \sqrt{v}$ <br> - They paid out ( $45 \div 45 \times 100$ ) 100\% all their earnings in 2016 compared to $(30 \div 49 \times 100) 61 \%$ of their earnings in 2017. <br> - The business is retaining funds for future expansions/development/to improve NAV. |  |  |  |
|  | Response for <br> The DPS decreased from 45 cents to 30 cents by 15 cents and the EPS improved from 45 cents to 49 cents by 4 cents. |  |  |  |
|  |  |  |  |  |
|  |  |  |  | 4 |




13

question 6
6.1.3 EXPLANATION

| EXPLANATION $\checkmark \quad \checkmark$ | ADVICE $\checkmark$ |
| :--- | :--- |
| FUEL: <br> Over spent / poor control of vehicles / <br> possible unforeseen increase in <br> petrol prices/fuel wastage | Such increases in fuel prices must be <br> anticipated and considered in <br> bugeting / ook at trends /minimise <br> wastage / monitor drivers by using <br> logbooks and tracking devices for <br> distances. |
| RENT INCOME: <br> Poor collection strategy used by the <br> business | Ensure that tenants have to place <br> certain number of months' notice <br> before leaving, <br> Appoint a collector. |
| Possible that the tenant has left and <br> the premises have been left <br> unoccupied. |  |

