



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

SENIOR CERTIFICATE EXAMINATIONS

ACCOUNTING

2016

MARKS: 300

TIME: 3 hours

This question paper consists of 21 pages and an answer book of 20 pages.

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 ALL workings 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 in the table below as a guide when answering the question paper. Try NOT to deviate from it.

| QUESTION 1: 35 marks; 20 minutes | |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Topic of the question: | This question integrates: |
| VAT and Reconciliations | Financial accounting VAT calculations Reconcile a Creditors' Ledger Account to a statement of account Managing resources Internal control and internal audit |

| QUESTION 2: 50 marks; 30 minutes | |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Topic of the question: | This question integrates: |
| Manufacturing | Managerial accounting Production Cost Statement Analyse and interpret break-even point Managing resources Internal control and internal audit |

| QUESTION 3: 40 marks; 25 minutes | |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Topic of the question: | This question integrates: |
| Inventory Valuation, Internal Control and Problem-solving | Managing resources Inventory valuation: FIFO and weighted-average method Internal control and internal audit |

| QUESTION 4: 65 marks; 40 minutes | |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Topic of the question: | This question integrates: |
| Concepts, Balance Sheet and Audit Report | Financial accounting Concepts Prepare Balance Sheet Ordinary share capital and retained income notes |

| QUESTION 5: 70 marks; 40 minutes | |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Topic of the question: | This question integrates: |
| Fixed Assets, Cash Flow Statement and Analysis and Interpretation of Financial Statements | Financial accounting Cash Flow Statement Analyse and interpret financial information Managing resources Fixed asset management |

| QUESTION 6: 40 marks; 25 minutes | |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Topic of the question: | This question integrates: |
| Budgeting | Managerial accounting Analyse and interpret a Projected Income Statement Managing resources Internal control |

QUESTION 1: VAT AND RECONCILIATIONS**(35 marks, 20 minutes)****VALUE-ADDED TAX**

1.1 Indicate whether the following statements are TRUE or FALSE. Write only 'true' or 'false' next to the question number (1.1.1–1.1.3) in the ANSWER BOOK.

1.1.1 VAT paid by a business on goods purchased is called VAT input.

1.1.2 It is compulsory for all businesses to register for VAT.

1.1.3 VAT returns to SARS are submitted after every six months of trading activities. (3 x 1) (3)

1.2 You are provided with information relating to Super Stores for the VAT period ended 29 February 2016 (two months). The standard VAT rate is 14%.

REQUIRED:

1.2.1 Taking into account the errors and omissions, calculate the VAT amount that is either payable to or receivable from SARS. (12)

1.2.2 The internal auditor discovered that the owner, Nelson, used the VAT collected from customers to pay salaries and bonuses; therefore, he could not meet the VAT deadline.

What comment would you offer Nelson concerning this practice? State ONE point. (2)

INFORMATION:

A. Amount due to SARS on 1 February 2016, R44 800.

B. **Amounts from the journals on 29 February 2016:**

| | INCLUDING VAT | VAT AMOUNT |
|---------------------------|------------------|------------|
| Sales | 564 300 | 69 300 |
| Credit purchases of stock | 191 520 | 23 520 |
| Stock returned by debtors | 52 440 | 6 440 |
| Bad debts written off | 39 900 | 4 900 |

C. The following errors and omissions were noted:

- Stock taken by the owner, cost price R6 000 (excluding VAT), has not been recorded.
- VAT on sales was recorded incorrectly. Certain goods with a selling price of R50 000 (excluding VAT) should have been recorded as zero-rated items.
- VAT on discounts granted to debtors was not recorded. The total discounts allowed amounted to R19 152.

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1.3 CREDITORS' RECONCILIATION

Thanda Stores buys goods on credit from Minty Suppliers.

REQUIRED:

- 1.3.1 Use the table provided to indicate the changes that must be made:
- In the Creditors' Ledger Account in the books of Thanda Stores
 - In the Creditors' Reconciliation Statement on 29 February 2016
- (14)
- 1.3.2 An investigation into the transaction on 2 February 2016 for Invoice 560 revealed that Pearl Fakude (purchasing manager) ordered goods for herself. These goods were not taken into stock.

State TWO internal control measures that the business can use to prevent similar incidents from happening in future.

(4)

INFORMATION:

A. Creditors' Ledger of Thanda Stores Minty Suppliers

| DATE | DETAILS | FOL. | DEBIT | CREDIT | BALANCE |
|---------|-------------------|------|--------|--------|---------|
| Feb. 01 | Balance | b/d | | | 52 200 |
| 02 | Invoice 560 | CJ | | 44 200 | 96 400 |
| 04 | Debit Note 52 | CAJ | 2 700 | | 93 700 |
| 07 | Cheque 443 | CPJ | 31 350 | | 62 350 |
| | Discount received | CPJ | 3 300 | | 59 050 |
| 20 | Invoice 996 | CJ | | 11 100 | 70 150 |
| 23 | Cheque 575 | CPJ | 13 200 | | 56 950 |
| 24 | Invoice 590 | CJ | | 24 000 | 80 950 |
| 28 | Cheque 580 | CPJ | 13 800 | | 67 150 |
| | Discount received | CPJ | 1 380 | | 65 770 |
| 29 | Invoice 592 | CJ | | 44 400 | 110 170 |

B. Statement of account received from Minty Suppliers

| DATE | | DETAILS | DEBIT | CREDIT | BALANCE |
|---------|----|------------------|--------|--------|---------|
| Jan. 25 | | Balance | | | 67 200 |
| | 28 | Receipt 110 | | 15 000 | 52 200 |
| Feb. 02 | | Invoice 560 | 49 200 | | 101 400 |
| | 04 | Credit Note 09 | 2 700 | | 104 100 |
| | 07 | Receipt 122 | | 31 350 | 72 750 |
| | | Discount allowed | | 1 650 | 71 100 |
| | 18 | Invoice 571 | 28 800 | | 99 900 |
| | 23 | Receipt 138 | | 13 200 | 86 700 |
| | 24 | Invoice 590 | 21 600 | | 108 300 |
| | 25 | Delivery charges | 3 300 | | 111 600 |

- C.** An investigation revealed the following errors and omissions:
- (a) Invoice 996 was for goods that Thanda Stores bought from another supplier, Mondi Suppliers.
 - (b) Invoice 560 was recorded correctly on the statement of account.
 - (c) Invoice 571 was an error on the statement. This was for goods supplied to another business.
 - (d) The discount allowed on 7 February 2016 is correct as per the statement of account.
 - (e) Thanda Stores omitted to deduct the trade discount allowed on Invoice 590.
 - (f) Goods for R2 700 were returned by Thanda Stores to Minty Suppliers on 4 February 2016.
 - (g) In terms of the contract Minty Suppliers charges a delivery fee to all its customers.
 - (h) The statement of account only includes transactions up to 25 February 2016.

QUESTION 2: MANUFACTURING**(50 marks; 30 minutes)****2.1 ABE ACCESSORIES**

Abe Accessories manufactures cellphone covers. The information below is in respect of the financial year ended 29 February 2016.

REQUIRED:

2.1.1 Prepare the Factory Overhead Cost Note. Show ALL calculations in brackets. (15)

2.1.2 Prepare the Production Cost Statement for the year ended 29 February 2016. (8)

INFORMATION:

| A. Stock balances: | 29 FEBRUARY 2016 | 1 MARCH 2015 |
|---------------------------|-------------------------|---------------------|
| Work-in-process stock | R9 320 | R30 640 |

B. Transactions for the year ended 29 February 2016:

| | |
|---------------------------------------|----------|
| Consumable stores used in the factory | R129 300 |
| Salaries and wages: | |
| Production wages | ? |
| Other factory workers | R97 500 |
| Administration | R250 000 |
| Sales department | R130 000 |
| Sundry expenses: | |
| Factory | R31 500 |
| Offices | R28 000 |
| Water and electricity | R50 000 |
| Insurance | R24 000 |

C. Additional information and adjustments

- The factory cleaner was omitted from the salaries and wages list for February 2016. Her details are as follows:

| Gross salary | Deductions | Net salary | Employer's Contribution |
|---------------------|-------------------|-------------------|--------------------------------|
| R3 800 | R420 | R3 380 | R380 |

The employer's contribution is added to the salaries and wages.

- An amount of R4 000 is still outstanding for water and electricity for February 2016. The factory uses 60% of the water and electricity.
- Insurance has been paid from 1 March 2015 to 30 June 2016. This expense must be allocated to the factory, administration and sales departments in the ratio 3 : 2 : 1 respectively.

D. The business manufactured 10 500 cellphone covers at a cost of R82,40 per unit.

2.2 NEW FASHION MANUFACTURERS

This business is owned by Gloria Smit. She makes and sells dresses. The financial year ends on 29 February 2016.

REQUIRED:

- 2.2.1
- Gloria is concerned about the wastage of direct materials. Calculate the number of metres of fabric that was wasted. (5)
 - Gloria feels that the wastage is significant. Give a calculation to support her opinion. (3)
- 2.2.2 Give TWO possible reasons for this wastage and, in EACH case, give advice to prevent this from happening in future. (4)
- 2.2.3 Break-even point and production:
- Calculate the break-even point for the year ended 29 February 2016. (4)
 - Explain why the business should be satisfied with the number of units made during the current financial year. State TWO points. (4)
- 2.2.4 The direct material used to make the dresses is purchased locally at a cost of R150 per metre. Gloria is considering importing the fabric, as it will cost R120 per metre (all costs included). If she decides to import the fabric:
- What effect will it have on the production cost of a dress? Provide a calculation to support your answer. (3)
 - State TWO other consequences of importing the direct material. (4)

INFORMATION:**A. Direct materials:**

2,5 metres of fabric is used for each dress.

| | Number of metres of fabric |
|---------------------------------|-----------------------------------|
| Opening stock | 525 |
| Purchases | 12 450 |
| Raw materials issued to factory | ? |
| Closing stock | 1 475 |

B. Production levels:

| | 2016 | 2015 |
|-----------------------------------------|-------------|-------------|
| Total number of units produced and sold | 4 500 | 3 800 |
| Break-even point | ? | 3 200 |

C. Additional information:

| | Total | Per unit |
|---------------|--------------|-----------------|
| Sales | R2 925 000 | R650 |
| Fixed cost | R900 000 | R200 |
| Variable cost | R1 575 000 | R350 |

**QUESTION 3: INVENTORY VALUATION, INTERNAL CONTROL AND
PROBLEM-SOLVING (40 marks; 25 minutes)****3.1 CONCEPTS**

Give ONE word/term for each of the following descriptions by choosing a word/term from the list below. Write only the word/term next to the question number (3.1.1–3.1.4) in the ANSWER BOOK.

perpetual inventory system; weighted-average method;
specific identification method; periodic inventory system; first in first out (FIFO)

- 3.1.1 This method assumes that stock is sold in order of date purchased.
- 3.1.2 This system ensures that cost of sales is calculated at the point of sale.
- 3.1.3 This method of stock valuation assigns a unique or individual value to each stock item.
- 3.1.4 This stock system is more suited for low-value goods that are purchased in bulk. (4 x 1) (4)

3.2 LYNN STORES

You are provided with information relating to Lynn Stores. The business sells one type of leather shoes. The financial year ends on 29 February 2016. The business uses the weighted-average method for stock valuation and the periodic stock system.

REQUIRED:

- 3.2.1 Calculate the value of the closing stock on 29 February 2016 using the weighted-average method. (8)
- 3.2.2 Calculate the following for the year ended 29 February 2016:
- Cost of sales
 - Gross profit (6)
- 3.2.3 Calculate the average stock-holding period (in days) on 29 February 2016. (5)
- 3.2.4 Calculate the value of the closing stock by using the FIFO method. (7)

INFORMATION:**A. Stock:**

| Date | Pairs of shoes | Total value (including carriage) |
|------------------|----------------|-------------------------------------|
| 1 March 2015 | 520 | R320 770 |
| 29 February 2016 | 325 | ? |

B. Purchases:

| Date | Pairs of shoes | Cost price per pair | Total purchases | Carriage per pair | Total cost (including carriage) |
|--------------|----------------|---------------------|-------------------|-------------------|------------------------------------|
| 31/05/2015 | 460 | R650 | R299 000 | R18 | R307 280 |
| 01/08/2015 | 700 | R680 | R476 000 | R18 | R488 600 |
| 15/10/2015 | 500 | R710 | R355 000 | R30 | R370 000 |
| 01/02/2016 | 300 | R725 | R217 500 | R30 | R226 500 |
| TOTAL | 1 960 | | R1 347 500 | | R1 392 380 |

C. Returns:

Thirty pairs of shoes from the purchases on 1 February 2016 were not of a high quality. These were returned to the supplier. The business account was credited with R22 650 (including carriage on purchases).

D. Sales:

2 115 pairs of leather shoes were sold during the financial year. The selling price was kept constant at R1 400 per pair.

3.3 PROBLEM-SOLVING

You are provided with information of three jeans shops with different owners in Johannesburg. Each shop has a floor space of 100 m².

REQUIRED:

3.3.1 Identify ONE problem in Shop 1 and ONE problem in Shop 2. Quote figures. In EACH case, give ONE point of advice. (6)

3.3.2 Explain TWO good decisions that Chad has made in respect of Shop 3. Quote figures. (4)

Information per shop for December 2015:

| | SHOP 1 | SHOP 2 | SHOP 3 |
|------------------------|----------|----------|----------|
| Managers | Andy | Bob | Chad |
| Sales | R350 000 | R240 000 | R950 000 |
| Returns from customers | R7 000 | R36 000 | R19 000 |
| Mark-up percentage | 90% | 50% | 60% |
| Stock-holding period | 180 days | 30 days | 30 days |
| Advertising | R14 000 | R4 800 | R47 500 |
| Rent expense | R35 000 | R24 000 | R96 000 |
| Days worked per week | 6 | 5 | 7 |
| Shop assistants | 4 | 2 | 6 |

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QUESTION 4: CONCEPTS, BALANCE SHEET AND AUDIT REPORT**(65 marks; 40 minutes)****4.1 CONCEPTS**

Choose an explanation from COLUMN B that matches a concept in COLUMN A. Write only the letter (A–D) next to the question number (4.1.1–4.1.4) in the ANSWER BOOK.

| COLUMN A | COLUMN B |
|------------------------|-----------------------------------------------------------------|
| 4.1.1 Shareholder | A monitors control measures to prevent mismanagement and fraud |
| 4.1.2 Director | B owners of the company |
| 4.1.3 Internal auditor | C expresses an opinion on the financial statements of a company |
| 4.1.4 External auditor | D appointed by the shareholders to manage the company |

(4 x 1)

(4)

4.2 PARADISE LIMITED

The information below relates to Paradise Ltd. The financial year ended on 29 February 2016.

REQUIRED:

4.2.1 Prepare the following notes for the year ended 29 February 2016:

- Ordinary share capital (6)
- Retained income (10)

4.2.2 Prepare the Balance Sheet (Statement of Financial Position) on 29 February 2016. Show ALL workings. (35)

INFORMATION:

- A. List of balances extracted from the accounting records of Paradise Ltd on 29 February 2016, the end of the financial year, unless otherwise stated.**

| | R |
|--------------------------------------------------|------------|
| Ordinary share capital (See Information B.) | ? |
| Retained income (1 March 2015) | 1 634 000 |
| Loan from director: J Jonas (See Information E.) | 1 155 000 |
| Fixed assets at carrying value (1 March 2015) | 12 278 400 |
| Fixed deposit: Sandton Bank | ? |
| Trading stock (balancing figure) | ? |
| Creditors' control | 478 000 |
| Debtors' control | 356 000 |
| Provision for bad debts (1 March 2015) | 16 000 |
| Bank (favourable) | ? |
| Accrued expenses (expenses payable) | 12 000 |
| Prepaid expenses | 6 800 |
| SARS: Income tax (provisional tax payments) | 1 012 000 |

B. Share capital:

- Paradise Ltd is authorised to sell 5 000 000 ordinary shares.
- 3 000 000 shares were in issue on 1 March 2015, the beginning of the financial year, R6 000 000.
- 1 000 000 new shares were issued on 1 December 2015 at a market-related value of R5,00 per share.
- 200 000 shares were repurchased on 20 February 2016 from a shareholder who was relocating to another country. A payment of R770 000 was made on 20 February 2016.

C. Dividends:

- The directors paid an interim dividend of R840 000 on 28 August 2015.
- A final dividend of 44 cents per share was declared on 29 February 2016. All shares (including the shares repurchased on 20 February 2016) qualify for final dividends. These dividends will be paid on 31 March 2016.

D. Net profit before tax:

- After taking into account all relevant information, the net profit before tax was accurately calculated to be R3 800 000.
- Income tax at the rate of 28% must still be brought into account.

E. Loan from Director J Jonas:

- The loan was originally received on 1 December 2013.
- This loan is to be repaid over 5 years in equal monthly instalments with effect from 31 December 2013. All payments have been made.
- Interest is not capitalised and has been paid in full.

F. Provision for bad debts:

The provision for bad debts must be maintained at 5% of the outstanding debtors.

G. Fixed assets and depreciation:

- No fixed assets were purchased or sold during the financial year.
- Depreciation for the financial year ended 29 February 2016 was R890 000.

H. The following financial indicators were calculated after all adjustments had been taken into account:

| | |
|-----------------|---------|
| Current ratio | 1,3 : 1 |
| Acid-test ratio | 0,8 : 1 |

4.3 AUDIT REPORT

You are provided with an extract of the independent auditor's report of Topstar Ltd for the financial year ended 31 October 2015.

REQUIRED:

- 4.3.1 What type of audit report did Topstar Ltd receive? Choose from the following: unqualified, qualified, disclaimer. Give a reason for your choice. (3)
- 4.3.2 To whom is an audit report addressed? Give a reason for your answer. (3)
- 4.3.3 Explain why the auditor mentioned the following in the audit report:
- IFRS (2)
 - Companies Act (Act 61 of 1973) (2)

INFORMATION:**Extract from the audit report:**

In our opinion, the financial statements fairly present in all material respects the financial position of the company at 31 October 2015 as well as the financial results of its operations and the cash flows for the year then ended. This is in accordance with the International Financial Reporting Standards (IFRS) and the manner required by the Companies Act (Act 61 of 1973) in South Africa.

QUESTION 5: FIXED ASSETS, CASH FLOW STATEMENT, ANALYSIS AND INTERPRETATION OF FINANCIAL STATEMENTS
(70 marks; 40 minutes)

5.1 CONCEPTS

Choose the correct word(s) from those given in brackets. Write only the word(s) next to the question number (5.1.1–5.1.4) in the ANSWER BOOK.

- 5.1.1 The mortgage bond to finance the purchase of a fixed asset is a (financial asset/non-current liability).
- 5.1.2 Distributable reserves, such as retained income, are part of (shareholders' equity/non-current assets).
- 5.1.3 The amount due by SARS in respect of income tax is a (current asset/current liability).
- 5.1.4 An investment, such as a fixed deposit at 9% p.a. interest over five years, will be shown as a (current asset/financial asset). (4 x 1) (4)

5.2 MAFUSA LTD

The information presented relates to the financial year ended 30 April 2016.

NOTE: When financial indicators are required to support answers, you have to give the name of the financial indicator and the actual figure, ratio or percentage.

REQUIRED:

- 5.2.1 **Refer to Information C.**
Calculate the missing amounts denoted by (a) to (d) for equipment in the Fixed Asset Note. Show all workings. (16)
- 5.2.2 Calculate the following amounts for the Cash Flow Statement. Show ALL workings.
- Income tax paid (5)
 - Net changes in cash and cash equivalents (4)
- 5.2.3 Complete the section on FINANCING ACTIVITIES in the Cash Flow Statement. (7)
- 5.2.4 Calculate the following financial indicators on 30 April 2016:
- Return on average shareholders' equity (5)
 - Net asset value (3)
- 5.2.5 Comment on the overall liquidity position of the company. Quote THREE relevant financial indicators (with figures). (8)

- 5.2.6 The directors decided to change the dividend pay-out policy in 2016.
- Provide calculations that indicate the policy change. (4)
 - Explain the effect of this change of policy on the company. State TWO points. (4)
- 5.2.7 One of the directors feels that the company should pay back the loan as soon as possible. What are your views about this? Quote and explain TWO relevant financial indicators with figures. (6)
- 5.2.8 Explain why the shareholders are satisfied with:
- The market price of the shares on the JSE (2)
 - The price at which the 75 000 shares were repurchased on 25 April 2016 (2)

In EACH case, quote figures/financial indicators.

INFORMATION:

A. Information extracted from the Income Statement on 30 April 2016:

| | R |
|------------------------------|-----------|
| Operating profit | 1 590 000 |
| Interest expense | 300 000 |
| Net profit before income tax | 1 279 000 |
| Net profit after income tax | 895 300 |

B. Information extracted from the Balance Sheet on 30 April 2016:

| | 2016 (R) | 2015 (R) |
|---------------------------------------------------------|-------------|-------------|
| Fixed deposit | 200 000 | 520 000 |
| Current assets (including cash and cash equivalents) | 946 550 | 887 250 |
| Cash and cash equivalents | 125 750 | 54 750 |
| Shareholders' equity | 7 166 850 | 6 142 800 |
| Ordinary share capital | 6 660 000 | 5 600 000 |
| Retained income | 506 850 | 542 800 |
| Non-current liabilities | 1 800 000 | 2 750 000 |
| Current liabilities | 526 750 | 509 500 |
| Trade and other payables | 285 600 | 232 800 |
| Bank overdraft | 0 | 92 000 |
| Shareholders for dividends | 231 250 | 176 000 |
| SARS: Income tax | 9 900 | 8 700 |

C. Fixed assets:

Fixed assets comprise land and buildings and equipment.

Extract from the Fixed Asset Note:

| | EQUIPMENT |
|------------------------------------------|------------------|
| Cost (1 May 2015) | 3 640 000 |
| Accumulated depreciation (1 May 2015) | (a) |
| Carrying value (1 May 2015) | 2 002 000 |
| Movements: | |
| Additions | 900 000 |
| Disposals | (b) |
| Depreciation | (c) |
| Carrying value (30 April 2016) | |
| Cost (30 April 2016) | (d) |
| Accumulated depreciation (30 April 2016) | |

- Equipment is depreciated at 15% p.a. on cost.
- On 31 August 2015 old equipment costing R750 000 was sold for cash at its carrying value. The accumulated depreciation on this equipment was R491 750 on 1 May 2015.
- On 1 December 2015 new equipment valued at R900 000 was purchased.
- There were no other movements.

D. Share capital and dividends:

The business is registered with an authorised share capital of 1 200 000 ordinary shares.

| | |
|-----------------|-------------------------------------------------------------------------------------------------|
| 1 May 2015 | The issued share capital consisted of 800 000 ordinary shares. |
| 1 February 2016 | 200 000 ordinary shares were issued at R8,00 per share. |
| 25 April 2016 | 75 000 ordinary shares were repurchased from a retired shareholder at a total cost of R600 000. |
| 30 April 2016 | There were 925 000 shares in issue. |

Total dividends for the financial year amounted to R871 250.

E. The following financial indicators were calculated on 30 April:

| | 2016 | 2015 |
|--------------------------------|-------------|-------------|
| Current ratio | 1,8 : 1 | 1,7 : 1 |
| Acid-test ratio | 0,9 : 1 | 1,3 : 1 |
| Stock-holding period | 52 days | 68 days |
| Debtors' collection period | 47 days | 30 days |
| Creditors' payment period | 30 days | 30 days |
| Debt-equity ratio | 0,3 : 1 | 0,4 : 1 |
| Return on capital employed | 11% | 13% |
| Return on shareholder's equity | ? | 14,5% |
| Earnings per share | 107 cents | 112 cents |
| Dividends per share | 105 cents | 40 cents |
| Net asset value per share | ? | 768 cents |
| Market price per share (JSE) | 960 cents | 777 cents |
| Repurchase price per share | 800 cents | - |
| Interest rate of loan | 14% | 13% |

QUESTION 6: BUDGETING**(40 marks; 25 minutes)**

You are provided with a partially completed Projected Income Statement of Senoge Stores prepared by the bookkeeper for the period 1 May 2016 to 30 June 2016. The business is owned by Susan Senoge.

REQUIRED:

- 6.1 Calculate the missing amounts denoted by **(a)** to **(d)** in the Projected Income Statement. (12)
- 6.2 Taking into account the additional information, calculate the following:
- 6.2.1 The monthly salary due to the sales manager in June 2016 (4)
- 6.2.2 The total credit sales expected in July 2016 (4)
- 6.2.3 The cost price of the new vehicle purchased on 1 May 2016 (4)
- 6.3 Comment on the control of the telephone and water and electricity. What advice would you offer Susan? State ONE point. (4)
- 6.4 Susan wants to reduce the maintenance budget to R500 per month and then use this saving for staff training. What should she consider before making this change? State TWO points. (4)
- 6.5 A new competitor started operating from nearby premises in May 2016. Refer to the actual figures for May 2016 and:
- Explain how Susan responded to this threat. State THREE points. Provide figures/calculations to support your answer. (6)
 - Explain whether Susan's response was successful or not. Provide figures. (2)

INFORMATION:

- A.** Salaries and wages:
- The cleaner will receive an 8% increase in June 2016.
 - The business employs a sales manager and an administration manager. The sales manager earns R400 more than the administration manager (per month). The managers are entitled to an increase of 7% p.a. from 1 June 2016.
- B.** The business uses a mark-up percentage of 60% on cost.
- C.** Credit sales comprise 80% of total sales. Sales are expected to increase by 10% per month and by 12% during July 2016.
- D.** A delivery vehicle was purchased on 1 May 2016. Vehicles are depreciated at 15% per annum on cost. The accountant did not take this into account when preparing the Projected Income Statement for May 2016.
- E.** Rent income increased by 9% on 1 June 2016.

F. Information (amongst others) from the Projected Income Statement for May 2016 to June 2016:

| | MAY BUDGETED | MAY ACTUAL | JUNE BUDGETED |
|---------------------------------------|-------------------------|-----------------------|--------------------------|
| Sales | 180 000 | 195 000 | 198 000 |
| Cost of sales | (112 500) | (150 000) | (b) |
| Gross profit | 67 500 | | |
| Other income | | 19 200 | |
| Rent income | (d) | | 10 028 |
| Commission income | 12 500 | 8 000 | 13 000 |
| Discount received | 1 800 | | 1 980 |
| | | | |
| Gross operating income | | | |
| Operating expenses | (45 650) | | |
| Salaries (two managers) | 18 000 | 18 000 | |
| Wages (cleaner) | 1 800 | 1 800 | (c) |
| Maintenance | 5 000 | 2 000 | 5 000 |
| Motor vehicle expenses | 0 | 4 000 | 0 |
| Administration expenses | 8 450 | 8 420 | 8 500 |
| Telephone, water and electricity | 2 000 | 4 880 | 2 000 |
| Insurance | 1 800 | 1 800 | 1 800 |
| Advertising | 2 400 | 9 600 | 2 400 |
| Depreciation | 6 200 | 9 000 | |
| Trading stock deficit | 0 | 1 680 | |
| | | | |
| Operating profit | (a) | | |
| Interest income | 350 | 350 | 350 |
| Profit before interest expense | 46 500 | | |
| Interest expense | (500) | (500) | (500) |
| Net profit | 46 000 | | |

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TOTAL: 300