## NATIONAL SENIOR CERTIFICATE



This question paper consists of 10 pages, including a formula sheet, and an 8-page answer book.

## INSTRUCTIONS AND INFORMATION

Read the following instructions carefully and follow them precisely.

1. Answer ALL the questions.
2. A speciåANSWER BOOK is provided in which to answer ALL the questions.
3. Show ALLTworkings to earn 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. If you choose to do so, you may use the Financial Indicator Formula Sheet attached at the end of this question paper. The use of this formula sheet is NOT compulsory.
8. Write neatly and legibly.
9. Use the information in the table below as a guide when answering the question paper. Try NOT to deviate from it.

| QUESTION | TOPIC | MARKS | TIME <br> (minutes) |
| :---: | :---: | :---: | :---: |
| 1 | Accounting Equation and Fixed Assets | 20 | 15 |
| 2 | Concepts, Statement of Comprehensive <br> Income | 45 | 35 |
| 3 | Statement of Financial Position and <br> Notes | 55 | 45 |
| 4 | Financial indicators and interpretation of <br> financial information | 30 | 25 |
| TOTAL | 150 | 120 |  |



## QUESTION 1: ACCOUNTING EQUATION, FIXED ASSETS (20 marks, 15 minutes)

### 1.1 ACCOUNTING EQUATION

Complete the table provided to indicate the effect on the accounting equation for the following transactions.
NOTE:Assume that the bank balance is favourable and the perpetual inventory system is in use for all transactions.

Example:Issued a receipt for rent received.

## TRANSACTIONS:

(a) One of the partners contributed a delivery vehicle as part of his investment in the partnership
(b) Credit note received for damaged equipment returned
(c) Repairs to buildings were debited to the land and buildings account in error. This must be corrected

### 1.2 LULU TRADERS

The following information relates to the financial year ended 30 June 2022.
REQUIRED:
Calculate the missing figures denoted by (i) to (iv) on the fixed asset note.
INFORMATION:
A. Fixed asset note:

|  | Land and <br> buildings | Equipment | Vehicles |
| :--- | ---: | ---: | ---: |
| Carrying value on 1July 2021 | 3000000 | (ii) | 800000 |
| Cost | 3000000 | 420000 | 1080000 |
| Accumulated depreciation | 760000 | 160000 |  |
| Additions at cost |  |  | (iv) |
| Disposal at carrying value |  | (iii) |  |
| Depreciation for the year |  |  |  |
| Carrying value on 30 June 2022 | (i) | 580000 | 720000 |
| Cost |  |  |  |
| Accumulated depreciation |  |  |  |

B. Information from the fixed asset register:

- Depreciation on equipment is calculated at $10 \%$ p.a. on the diminishing balance.
- New equipment was purchased on 1 October 2021

- Depreciation on vehicles is calculated at $15 \%$ p.a. oncost.
- A delivery vehicle was sold for R112 000 cash on 1,March 2022. The cost price was R360 000 and accumulated depreciation on 1 July 2021 amounted to R216 000.


## QUESTION 2: CONCEPTS, STATEMENT OF COMPREHENSIVE INCOME

### 2.1 CONCEPTS

Match the GAAP principles in COLUMN A with the examples in COLUMN B. Write onlythe letters (A-D) next to the question numbers (2.1.1 to 2.1.4) in the ANSWER BOOK.

| COLUMN A |  | COLUMN B |
| :---: | :---: | :--- |
| 2.1.1 | Materiality | ABuildings are valued at R2 500 000 but is shown <br> as R550 000 in the financial statements. |
| 2.1.2 | Matching | BInterest expense should be disclosed separately <br> in the financial statements. |
| 2.1.3 | Historical cost | CA debtor who owes R1 270, was written off as a <br> bad debt as he could not be traced. |
| Prudence | Insurance, R2 500, is paid in advance. This <br> amount is not reflected in the Statement of <br> Comprehensive Income. |  |

$(4 \times 1)$
2.2 AMADIBA TRADERS

## REQUIRED:

2.2.1 Complete the Statement of Comprehensive Income for the year ended on 28 February 2022.
2.2.2 Refer to Information B (viii)

Provide TWO possible reasons why rent income decreased.

## INFORMATION:

A. Extract from Pre-adjustment Trial balance on 28 February 2022:

| Trading stock | R |
| :--- | ---: |
| Loan: ANW Bank | 284000 |
| Debtors control | 294500 |
| Provision for bad debts (1 March 2021) | 88000 |
| Sales | 5950 |
| Cost of sales | 1770400 |
| Salaries and wages | $?$ |
| Insurance | $\boxed{n m p}$ |
| Rent income | 192200 |
| Discount received | 69700 |
| Bad debt | 4600 |
| Advertising | 7790 |
| Telephone | 46600 |
| Depreciation | 10500 |
| Interest on fixed deposit (balancing figure) | 61500 |

## B. Adjustments and additional information:

(i) The business used a fixed mark-up of $60 \%$ on the cost price. This was achieved over the financial year.
(ii) $n 0$ On 28 February 2022, credit sales for R9 600, were not recorded. nan
(iii) $\cap \square$ Stocktaking on 28 February 2022 reflected trading stock on hand, nan R287 700.
(iv) A further amount for bad debts, R1 400, must be written off.
(v) Adjust the provision for bad debts to $5 \%$ of outstanding debtors.
(vi) The telephone account for February 2022, R1 150, is not paid yet.
(vii) Insurance was paid for one month in advance. The insurance premium increased by $10 \%$ p.a. from 1 January 2022. The policy is in place for the entire financial year.
(viii) Rent income has been received for the period 1 March 2021 to 31 December 2021. Note that the rent was decreased by R200 per month as from 1 October 2021.
(ix) The loan statement received reflected a closing balance of R312 000. Interest capitalised is not yet recorded.
(x) Net profit for the year after all the adjustments were taken into account amounted to R346 840.


## QUESTION 3: STATEMENT OF FINANCIAL POSITION AND NOTES

(55 marks, 45 minutes)

## BCM TRADERS

The following information was taken from the books of BCM Traders, partners Bolt and Comma, forthe financial year ended 31 December 2021.

REQUIRED:

Complete the following on 31 December 2021:
3.1 Trade and other receivables note
3.2 Current account note
3.3 Statement of Financial Position

## INFORMATION:

A. Extract from the records on 31 December 2021:

| Capital: B. Bolt | R |
| :--- | ---: |
| Capital: C. Comma | 500000 |
| Current account B. Bolt (1 January 2021) | $146500(\mathrm{Cr})$ |
| Current account C. Comma (1 January 2021) | $33000(\mathrm{Cr})$ |
| Loan: Gqeberha Bank | 662000 |
| Fixed assets (carrying value) | 948700 |
| Fixed deposit: Matatiel Bank | 400000 |
| Bank (unfavourable) | 31500 |
| Cash float | 8000 |
| Petty cash | 12000 |
| Creditors control | 83200 |
| Accrued expense | 5400 |
| Prepaid expense | 3900 |
| Trading stock (balancing figure) | $?$ |
| Debtors control | $?$ |
| Provision for bad debts | 4900 |
| SARS (PAYE) | $?$ |

## B. Additional information to be taken into account:

(i) Net trade debtors amounted to R372 600.
(ii) Loan Statement from Gqeberha Bank:

| Barance at the beginning of the financial year | R692 000 |
| :--- | ---: |
| Anterest capitalised | 20000 |
| Repayments during the year | $?$ |
| Balance at the end of the financial year | 662000 |

NOTE: Repayment for the next financial year will equal to 1,5 times the portion paid over this financial year.
(iii) A quarter of the fixed deposit will mature on 30 June 2022.
(iv) Extract: Salaries journal for December 2021:

| Gross <br> salary |  | Deductions |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Net salary |  |  |  |  |
|  | 3900 | $?$ | 4000 | 31100 |

NOTE: The necessary payments have been made except for PAYE.
(v) An EFT payment, R12 500, made in error to Sandile Stores. They are not a creditor anymore and will refund the money during January 2022.

## C. Partnership agreement:

(i) The partners are entitled to the following salaries:

- B. Bolt: R50 000 per month.
- C. Comma: R480 000 per year.
(ii) B. Bolt is entitled to a bonus of $80 \%$ of his monthly salary.
(iii) Interest on capital is calculated at $12 \%$ p.a. on the capital balances. NOTE: C. Coma increased his capital contribution by R100 000 on 1 July 2021.
(iv) The remaining profit is shared between B . Bolt and C . Comma in the ratio 3 : 2 respectively.



## QUESTION 4: FINANCIAL INDICATORS AND INTERPRETATION OF FINANCIAL INFORMATION

The information relates to EC Muller Traders, partners Ezo and Collar, for the financial period ending on 28 February 2022.

## REQUIRED:

4.1 Calculaterthe following:
4.1.1 Acid-test ratio
4.1.2 Average stockholding period (in days)
4.1.3 Percentage return on average partner's equity
4.2 Comment on the liquidity position of the business. Quote and explain THREE financial indicators (with figures) in your explanation.
4.3 The partners decided to decrease the loan during the financial year. Explain how this decision has affected the risk of the business. Quote and explain ONE financial indicator with figures.
4.4 Collar is satisfied with the \% return he is earning in the partnership. Provide TWO reasons. Quote financial indicators and figures.

## INFORMATION:

A. Extract from the Statement of Comprehensive Income for the year ended 28 February 2022.

| Sales | R3 000000 |
| :--- | ---: |
| Cost of Sales | 1875000 |
| Net profit for the year | 660000 |

B. Extract taken from the Statement of Financial Position on 28 February 2022.

|  | 2022 | 2021 |
| :--- | ---: | ---: |
| Current Assets | R854 000 | R1 213000 |
| Inventory | 300000 | 715000 |
| Trade and other receivables | 416000 | 480000 |
| Cash and cash equivalents | 138000 | 1800 |
| Partner's equity | $\mathbf{2 0 0 2 8 0 0}$ | 18000 |
| Capital contribution | 1875000 | 1488000 |
| Current accounts | 127800 | 1500000 |
| Non-current liabilities | $\mathbf{6 0 0} 000$ | $\mathbf{7 5 0 0 0 0}$ |
| Current liabilities | $\mathbf{5 8 8 0 0 0}$ | $\mathbf{6 7 2 0 0 0}$ |

## C. Financial indicators on 28 February 2022

|  | $\mathbf{2 0 2 2}$ | $\mathbf{2 0 2 1}$ |
| :--- | :---: | :---: |
| Current ratio | $1,5: 1$ | $1,8: 1$ |
| Acid-test ratio | $?$ | $0,7: 1$ |
| Average Stockholding period | $?$ | 159 days |
| Debt-equify ratio | $0,3: 1$ | $0,5: 1$ |
| \% returnon average partner's equity | $21 \%$ | $34 \%$ |
| \% returnon average equity: Ezo | $17 \%$ | $30 \%$ |
| \% return on average equity: Collar | $14 \%$ |  |


| GRADE 11 ACCOUNTING FINANCIAL INDICATOR FORMULA SHEET |  |
| :---: | :---: |
| $\frac{\text { Gross profit }}{\text { Sales }} \times \frac{100}{1} \quad \frac{\text { Gross }}{\text { Cost of }}$ | $\begin{array}{l\|l} 5 & \frac{\text { Net profit }}{\text { Sales }} \times \frac{100}{1} \end{array}$ |
| $\frac{\text { Operating expenses }}{\text { Sales }} \times \frac{100}{1}$ | $\frac{\text { Operating profit }}{\text { Sales }} \times \frac{100}{1}$ |
| $\frac{\text { Total earning by partner }}{\text { Partner's average equity }} \times \frac{100}{1}$ | $\frac{\text { Net profit }}{\text { Average owners' equity }} \times \frac{100}{1}$ |
| Current assets: Current liabilities | (Current assets - Inventories) : Current liabilities |
| (Trade and other receivables + Cash and cash equivalents): Current liabilities |  |
| $\frac{\text { Average debtors }}{\text { Credit sales }} \times \frac{365}{1}$ | $\frac{\text { Average creditors }}{\text { Credit purchases }} \times \frac{365}{1}$ |
| $\frac{\text { Average inventories }}{\text { Cost of sales }} \times \frac{365 \text { or } 12}{1}$ | $\frac{\text { Cost of sales }}{\text { Average inventories }} \times \frac{365}{1}$ |
| Non-current liabilities : Owners' equity | Total assets : Total liabilities |

Name:

## NATIONAL

SENIOR CERTIFICATE

## GRADE 11

## NOVEMBER 2022

## ACCOUNTING P1 ANSWER BOOK

| QUESTION | MAX. MARKS | $\begin{aligned} & \text { MARKS } \\ & \text { OBTAINED } \end{aligned}$ | MODERATED MARKS |
| :---: | :---: | :---: | :---: |
| 1 | 20 |  |  |
| 2 | 45 |  |  |
| 3 | 55 |  |  |
| 4 | 30 |  |  |
|  | 150 |  | N010 |
|  |  |  |  |

This answer book consists of 8 pages.

## QUESTION 1


1.2.1 Calculate the missing figures in the fixed asset note:


| TOTAL MARKS |
| :---: |
|  |
| 20 |



## QUESTION 2

2.1 CONCEPTS


### 2.2.1 AMADIBA TRADERS

STATEMENT OF COMPREHENSIVE INCOME FOR THE YEAR ENDED 28 FEBRUARY 2022


### 2.2.2 Provide TWO possible reasons why rent income decreased.



## QUESTION 3


3.2

| CURRENT ACCOUNTS | B. Bolt | C. Comma |
| :--- | :---: | :---: |
| Partners' salaries |  | 480000 |
|  |  |  |
| Interest on capital |  |  |
| Primary distribution of profit |  |  |
| Final distribution of profit | $(1200400)$ | $(750000)$ |
| Drawings for the year |  |  |
| Retained income for the year |  |  |
| Balance at the beginning of the year |  |  |
| Balance at the end of the year |  |  |

### 3.3 STATEMENT OF FINANCIAL POSITION ON 31 DECEMBER 2021

| NON-CURRENT ASSETS |  |
| :--- | :--- |
| Fixed assets |  |
| Financial assetsin |  |
| CURRENT ASSETS |  |
| Inventories |  |
|  |  |
| TOTAL ASSETS |  |
|  |  |
| EQUITY AND LIABILITIES |  |
| OWNERS' EQUITY |  |
|  |  |
| NON-CURRENT LIABILITIES |  |
| CURRENT LIABILITIES |  |

## QUESTION 4

4.1 Calculate the following:

4.1.2 Average stockholding period (in days)

| WORKINGS | ANSWER |
| :---: | :---: |
|  |  |
|  |  |
|  |  |


4.2 Comment on the liquidity position of the business. Quote and explain THREE financial indicators (with figures) in your explanation.

4.3 The partners decided to decrease the loan during the financial year. Explain how this decision has affected the risk of the business. Quote and explain ONE financial indicator with figures.

4.4 Collar is satisfied with the \% return he is earning in the partnership. Provide TWO reasons with figures.


TOTAL: 150

## GRADE 11

## NOVEMBER 2022

## ACCOUNTING P1 MARKING GUIDELINE

## MARKS: <br> 150

## MARKING PRINCIPLES:

1. Unless otherwise indicated in the marking guidelines, penalties for foreign items are applied only if the candidate is not losing marks elsewhere in the question for that item (no penalty for misplaced item). No double penalty applied.
2. Penalties for placement or poor presentation (e.g. details) are applied only if the candidate is earning marks on the figures for that item.
3. Full marks for correct answer. If the answer is incorrect, mark the workings provided.
4. If a pre-adjustment figure is shown as a final figure, allocate the part-mark for the working for that figure (not the method mark for the answer). NOTE: if figures are stipulated in marking guidelines for components of workings, these do not carry the method mark for final answer as well.
5. Unless otherwise indicated, the positive 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.
6. Where indicated, part-marks may be awarded to differentiate between differing qualities of answers.
7. Where penalties are applied, the marks for that section of the question cannot be a final negative.
8. Where method marks are awarded for operation, the marker must inspect the reasonableness of the answer.
9. 'Operation' means 'Check operation'. 'One part correct' means 'Operation and one part correct'. NOTE: Check operation must be,,$+- x$ or $\div$ or as per marking guidelines.
10. In calculations, do not award marks for workings if numerator and denominator are swapped - this also applies to ratios.
11. In awarding method marks, ensure that candidates do not get full marks for any item that is incorrect at least in part. Indicate with a $\begin{aligned} & \text {. }\end{aligned}$
12. Be aware of candidates who provide valid alternatives beyond the marking guideline. Note that one comment could contain different aspects.
13. Codes: $f=$ foreign item; $p=$ placement/presentation.

## QUESTION 1

1.1

| No. |  | A | 0 | L |
| :---: | :---: | :---: | :---: | :---: |
| e.g. |  | + | + | 0 |
| a | $\frac{0101}{n+1}$ | $+\checkmark$ | $+\checkmark$ | 0 |
| b | 011 | - $\checkmark$ | 0 |  |
| C |  | - $\checkmark$ | $+\checkmark$ | 0 |



If no entry in a column, assume 0; -1 per line for foreign entry.
1.2.1 Calculate the missing figures in the fixed asset note:
(i)

| WORKINGS | ANSWER |
| :---: | :---: |
| $3000000+760000$ | $3760000 \checkmark \checkmark$ |
| $420000 \checkmark-160000 \checkmark$ |  |
|  |  |
|  |  |
| see (ii) $\times 10 \%$ above |  |
| $26000 \boxtimes+12000 \checkmark \checkmark$ |  |


| TOTAL MARKS |
| :---: |
| 20 |

## QUESTION 2

## 2．1 CONCEPTS

| 2．1．1 | B $\checkmark$ |
| :--- | :--- |
| 2．1．2 | Dr |
| 2.1 .3 | $A \cap \checkmark$ |
| 2.1 .4 | Cl |

## 2．2．1 AMADIBA TRADERS

STATEMENT OF COMPREHENSIVE INCOME FOR THE YEAR ENDED 28 FEBRUARY 2022

| Sales（1770400 $\quad(9600 \checkmark)$ | 1780000 च＊ |
| :---: | :---: |
| Cost of sales Sales $\times 100 / 160$ | （1112 500）『V |
| Gross profit Sales－Cost of sales | 667500 च |
| Other income operation，one part correct | 98800 V |
| Discount received | $4600 \quad \checkmark$ |
| Trading stock surplus $(287700 \checkmark-(284000 \checkmark-6000 \checkmark)$ | $9700 \nabla^{*}$ |
| Provision for bad debts adjustment（5950 $\quad\left(\begin{array}{l}\text { c } \\ \text { P10 }\end{array}\right.$ | 1140 『＊ |
| Rent income（69700 ${ }^{\text {c }}$（13660 $\checkmark \checkmark$ ） | 83360 『＊ |
| Gross income GP＋O | 766300 V |
| Operating expenses | （419 960） |
| Salaries and Wages | 192200 |
| Advertising | 46600 |
| Bad debts（ $7790 \checkmark+1400 \checkmark$ ） | $9190 \quad \checkmark$ |
|  | $11650 \quad \checkmark$ |
| Insurance（107730 $\quad$－ $8910 \checkmark \checkmark$ ） | 98820 『＊ |
| Depreciation | $61500 \quad \checkmark$ |
| Operating profit GOI－OE | $\sqrt{n \pi}$ |
| Interest income balancing figure（PBIE－OP） | $\frac{n n \pi}{n n \pi 1} 18000 \quad \text { V }$ |
| Profit before Interest expense NP＋Int exp | $364340$ |
| Interest expense（312000－294500） | $(17500) \quad \checkmark \checkmark$ |
| Net profit for the year | 346840 |

### 2.2.2 Provide TWO possible reasons why rent income decreased.

Any TWO valid reasons $\checkmark \checkmark \checkmark \checkmark$ part marks for incomplete / partial / unclear responses

- Decrease in demand for rental space due to lockdown
- Tenant could not afford to pay the original rent and negotiated for a degrease.
- Thetenant negotiated to occupy a smaller floor space.
- Thentenant got a cheaper offer for the same floor space elsewhere.

กnก

## TOTAL MARKS

45


## QUESTION 3



| CURRENT ACCOUNTS | B. Bolt |  | C. Comma |  |
| :---: | :---: | :---: | :---: | :---: |
| Partners' salaries | 600000 | $\checkmark \checkmark$ | 480000 |  |
| Partners' bonuses | 40000 | $\checkmark \checkmark$ |  |  |
| Interest on capital ( $24000+30000)$ | 72000 |  | 54000 | $\checkmark \checkmark$ |
| Primary distribution of profit operation | 712000 | $\nabla$ | 534000 | $\nabla$ |
| Final distribution of profit (261600 $3 \div 2)$ | 392400 | $\checkmark \checkmark$ | 261600 |  |
| Drawings for the year | (1200 400) |  | (750 000) |  |
| Retained income for the year operation | $(96000)$ | च | 45600 | マ |
| Balance at the beginning of the year | 146500 | $\checkmark$ | 33000 | $\checkmark$ |
| Balance at the end of the year of | 50500 | $\square$ | 78600 | ■ |
|  |  |  | -nnmin |  |

6 Downloaded from $S$ tanmacounfang pas com
STATEMENT OF FINANCIAL POSITION ON 31 DECEMBER 2021


## QUESTION 4

### 4.1 Calculate the following:


4.1.2 Average stockholding period (in days)

| WORKINGS | ANSWER |
| :---: | :---: |
| 507500 three marks <br> 1015000 two marks <br> $\checkmark 1 / 2(300000+715000) \checkmark \checkmark$ <br> $1875000 \checkmark$$\times 365$ | 98,8 or 99 daysone part correct <br>  |



```
4.2 Comment on the liquidity position of the business. Quote and explain THREE financial indicators (with figures) in your explanation.
Financial indicators \(\checkmark \checkmark \checkmark\) comparative figures \(\checkmark \checkmark \checkmark\) Valid comment \(\checkmark \checkmark\)
part marks for incomplete / partial / unclear responses
Current ratio decreased from \(1,8: 1\) to \(1.5: 1\)
Acid testratio increased from \(0,7: 1\) to \(0,9: 1\) see 4.1 .1 and mark explanation accordingly Stockholding period drop from 159 days to 99 days see 4.1.2 Han
Liquidity shows an upward/increasing trend / the business is holding much less stock / stock is moving faster / increase in sales / less cash tied up in stock / may not experience cash flow problems in the future.
```

4.3 The partners decided to decrease the loan during the financial year. Explain how this decision has affected the risk of the business. Quote and explain ONE financial indicator with figures.

Financial indicator $\checkmark$ comparative figures with trend $\checkmark$ comment $\checkmark \checkmark$

Debt/equity ratio decreased from $0,5: 1$ to $0,3: 1$ (by $0,2: 1$ )

- Paying-off the loan places the business at a lower financial risk.
- Although the business is still lowly geared the risk is lower.

$4.4 \quad$ Collar is satisfied with the \% return he is earning in the partnership. Provide TWO reasons with figures.

Two valid reasons $\checkmark \checkmark$ Comparative figures $\checkmark \checkmark$

- \% return increased from $14 \%$ to $17 \%$ (by $3 \%$ points) while EZO's dropped from $30 \%$ to $21 \%$ (by 9\%).
- \% return is still higher than alternative investments which is $\pm 6 \%$.

TOTAL MARKS
30

TOTAL: 150

