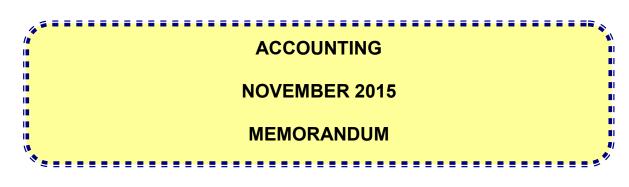


basic education

Department: Basic Education **REPUBLIC OF SOUTH AFRICA**

NATIONAL SENIOR CERTIFICATE

GRADE 12



MARKS: 300

MARKING PRINCIPLES:

- 1. 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 answer 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).
- 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 from candidates.
- 7. This memorandum is not for public distribution, as certain items might imply incorrect treatment. The adjustments made are due to nuances in certain questions.
- 8. Where penalties are applied, the marks for that section of the question cannot be a final negative.
- 9. Where method marks are awarded for operation, the marker must inspect the reasonableness of the answer and at least one part must be correct before awarding the mark.
- 10. In awarding method marks, ensure that candidates do not get full marks for any item that is incorrect at least in part.
- 11. Be aware of candidates who provide valid alternatives beyond the marking guideline.
- 12. Codes: f = foreign item; p = placement/presentation.

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Please turn over

1.1.2

1.1 BANK RECONCILIATION AND INTERNAL CONTROL

Cash Receipts Journal (figures only)		Cash Payments Journa (figures only)
87 220		74 860
✓ 21 000	*OR: 7900 in CRJ & 9700 in CPJ	*√√ 1800
√ √ 10 500	Both essential: 2 marks	√ 6 500
	<mark>8 960: 3 marks</mark> 8750 / 6710 / 2460: 2 marks	√ 2 250
		✓ 210
118 720	Foreign items -1 (max -2)	85 620

13

8

	Alternative	Debit	Credit
Balance per Bank Statement	R20 400	Balancing figure Could be Dr / Cr	R 20 400 ☑
Credit outstanding deposit	18 500		18 500 🗸 🗸
Debit outstanding cheques:	Could use – signs		
No. 962	(4 500)	R 4 500 √ √	
No. 982	(2 200)	2 200 🗸	
No. 986	(1 400)	1 400 🗸	
Balance as per Bank Account	30 800	30 800 🗹	<mark>See 1.1.1</mark>
		38 900	38 900

-1 incorrect / no details (max -2) Foreign entries -1 (max -2)

For 2-column method <u>with no</u> Debit/Credit indicated, assume left=Debit and right=Credit.

For 2-column method with brackets used, do not accept brackets/negatives in any column.

1.1.3 Refer to Information E. Identify TWO separate problems with evidence from the information. Give advice for EACH problem.

PROBLEM WITH EVIDENCE	ADVICE	
Theft / Fraud / Error/ Internal control	Check that the total of cash slips agree	
measures are lacking. Some of the cash	to the total of the deposit slip. \checkmark	
slips (R7 000) have not been deposited /	Specific advice required based on evidence.	
recorded.		
Problem ✓ Evidence ✓ Figures not required		
Rolling of cash / The deposit occurs	Cash collected must be deposited	
much later after receipt of cash (15 days).	immediately / Sales person must not	l r
Dasklars (Evidence (deposit cash / Divide duties ✓	
Problem ✓ Evidence ✓ Figures not required	Specific advice required based on evidence.	

1.2 **DEBTORS' AGE ANALYSIS**

1.2.1 As the internal auditor, what concerns would you have over Susan's job description? Explain.

Any ONE valid point VV Incomplete / unclear answer: 1 mark

For 2 marks:

- Lack of division of duties negatively affects internal control. •
- Susan is the only person dealing with invoicing and receipt of cash. •

Identify TWO debtors who could have their credit limits

Nobody is checking Susan's work. •

For 1 mark:

increased.

1.2.2

• Division of duties / Internal control

2

2	

Pillay Crooks	 ✓ ✓ -1 for superfluous name (max -2)
-	HREE different problems reflected by the Debtors' Ag
-	Give evidence to support your answer.
not settling prev	
Part-marks for	partial answers / partially correct answers
	Explanation of problem with evidence
Problem	Problem ✓✓ Slow payers / Non-payers / Lack of adherence to time terms Possibility of bad debts / Bad
1	Evidence ✓ Specific evidence required i.e. names or figures Some debtors (37% / 18% / 19%) are taking longer than 30/60/90 days to settle debts / (e.g. Muller / Vasco / Aucamp
Problem 2	Problem VV Credit limit / Not adhering to credit limit / Bad internal control of credit limits
	Evidence V Specific evidence required i.e. names or figures
	Muller is R2 000 over the limit
Problem	Problem $\checkmark \checkmark$ Sales continue to be made to debtors whose accounts are overdue / Bad control of sales to debtors
3	Evidence ✓ Specific evidence required i.e. names or figures Aucamp / Ndlovu / Muller were allowed to buy even though they have debts which are 60 / 90 days old

9	

TOTAL MARKS

q

5

6

QUESTION 2

2.1 INVENTORY VALUATION

2.1.1 Explain the difference between the *perpetual stock system* and the *periodic stock system*.

Expected responses:	Pariadia ataak ayatam
Perpetual stock system	Periodic stock system
Cost of sales calculated at point of sale	Cost of sales calculated at end of financial
	period
Stock value can be determined/ identified	Stock value determined/identified by stock
at any time (from records)	count
Cost of sales account used	Purchases account used
Stock bought regarded as an asset	Stock bought regarded as an expense

2.1.2 Calculate the value of the stock on hand on 28 February 2015 using the weighted-average method.

1 mark only 346 800 + 3686 400 [150 1 mark X 1 200 1 mark]	1 mark
<u>R4 033 200 √ - R180 000</u> √ ☑ x 650 √ 300 √ + 3 230 √ - 150 √ if subtracted	= <u>3 853 200</u> 4 marks x 650 3 380 3 marks
⁷ marks 1 mark = 1 140 x 650 = R741 000 ☑ one part correct	

2.1.3 Calculate how long (in days) it will take to sell the closing stock of 650 jackets. Use the closing stock in your calculation.

see 2.1.2 one part correct	
741 000 ☑	
3 853 200 ✓ – 741 000 ☑ 3 112 200	
4 033 200 – 180 000 see 2.1.2 2 marks	
OR: IF UNITS ARE USED	
1 mark 2 marks 1 mark 1 method mark	
650 / 2 730 x 365 = 86,9 or 87 days	
	-

2.1.4 Calculate the value of the closing stock using the FIFO method. $\sqrt[4]{}$

R632 400 + (140 x R1 200) = R800 400 168 000 3 marks

Give ONE reason in favour of changing to the FIFO method. $\checkmark\checkmark$

- Gross profit will be higher because closing stock would be higher
- Jackets are discrete products / Easy to count or identify jackets individually
- Value of jackets is continuously changing <u>and valued at more recent/realistic</u> prices

Give ONE reason against changing to the FIFO method. $\checkmark\checkmark$ Incomplete / unclear reason: 1 mark

- No need to change as profit will be the same in the long-term
- Unethical to manipulate the profit by changing the method of stock valuation
- Tax would increase in first year as a result of increased profit
- The change would affect comparisons across financial years

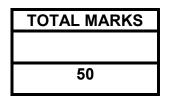
2.2 **INTERNAL CONTROL**

2.2.1 Calculate the number of shirts stolen. $400 \checkmark + 7\ 380 \checkmark - 270 \checkmark - 7\ 200 \checkmark = 310 \square$ one part correct Give TWO points of advice. Expected responses for 2 marks: Count stock regularly / randomly and check against stock records • Order smaller quantities, but more frequently • Improve physical security e.g. controls at entrance / security cameras Claim on insurance policy 9 Expected responses for 1 mark: Stock counts / Security cameras / Insurance

2.2.2	Product	Comment on stock holding period and give figuresComment \checkmark Figures \checkmark \checkmark	Explanation on how it will affect the business $\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	
	Jackets	See 2.1.3 87 days on hand which is appropriate / 87 days is too high as they are halfway through winter.	Will be able to meet demand for the winter season.	
	Shirts	Too few shirts are being kept on hand 14 days.	They are likely to run out of stock and not meet the demand / lose customers.	
	Jeans	Too many jeans are on hand to support the sales, 319 days.	Could end up not selling these items as fashion changes / Cash tied up in stock.	9

2.2.3 Josy is unsure whether she is charging the right prices for her products. Give her advice on EACH product. Quote figures. Advice with figures

Product	Any valid advice $\checkmark \checkmark \checkmark$ Figures $\checkmark \checkmark \checkmark$	
Jackets	Advice: Maintain / increase the pricesee 2.1.3Figures: Sold 2 730 units / 80% of stock sold / 87 days holding period	
Shirts	Advice: Maintain / increase the price [Price of R310 not relevant to rate of turnover] Figures: Sold 7 200 units / 93% of stock sold / only 14 days' holding period	
Jeans	Advice: Reduce the price Figures: Sold only 320 units / 53% of stock sold / 319 days holding period / 70% mark-up / R350 gross profit on R500 cost	6



QUESTION 3

PRIDONA LIMITED 3.1

3.1.1

Calculation of the correct net profit after tax Accept brackets instead of - Foreign entries -1 (max -2)	effect & figure must be correct
Incorrect net profit	2 493 600
Trading stock deficit	–11 300 ✓✓
Provision for bad debts adjustment	+2 400 🗸 🗸
Rent income	-2 800 🗸 🗸
Insurance	+4 500 🗸 🗸
Correction of error: Asset disposal	1 mark +13 600 √√
Correct net profit before tax Operation, one part correasonable, must be approx.	
Income tax Accept if no	<mark>∍ sign</mark> –750 000 ✓
Net profit after tax Check operation, NP	<mark>tax</mark> 1 750 000 ☑

13

RETAINED-INCOME NOTE ON 30 JUNE 2015 3.1.2

Balance at beginning of year		2 700 000	
Net profit after tax		see 3.1.1	1 750 000 🗹
Repurchase of shares (20 000 ✓ x R1,10 ✓ √) OR (50 000 One part o		(22 000) 🗹
Dividends		correct, must be negative / brackets	(1 475 600) 🗹
Interim			600 000 ✓
Final (3 980 000 ✓ :	x 0,22 √)	One part correct	875 600 🗹
Balance at end of ye	ar	Operation, one part correct	2 952 400 🗹

3.1.3 **PRIDONA LIMITED BALANCE SHEET AS AT 30 JUNE 2015**

BALANCE SHEET AS AT 50 JUNE 2015	
ASSETS	
NON-CURRENT ASSETS	8 950 000
Fixed assets at carrying value	8 950 000
CURRENT ASSETS TA-NCA	⊠1 000 000
Inventories Must be in final column as 191 900 to get 2 marks	√√ 191 900
Trade and other receivables 316 000 ✓ - 1 000 ✓ + 5 200 ✓ - 9 000 ✓ + 4 500 ☑ See 3.1.1 315 000 / 321 200 2 marks [-11 400 +2 400] 1 mark only 320 200 3 marks	⊠315 700 Operation, one part correct
Cash and cash equivalents Balancing figure	⊠492 400
TOTAL ASSETS Transfer OE + L	⊠9 950 000
	11
EQUITY AND LIABILITIES	
ORDINARY SHAREHOLDERS' EQUITY Operation	⊠8 524 400
Ordinary share capital	5 572 000
Retained income see 3.1.2	⊠2 952 400
	2
NON-CURRENT LIABILITIES	207 000
Mortgage Ioan: Custom Bank 262 200 ✓ – 55 200 ✓ ✓ ☑ Any figure if subtracted 4 600 x 12 2 marks	☑207 000 one part correct
	5
CURRENT LIABILITIES Operation	⊠1 218 600
Trade and other payable see 3.1.1 Operation, one part correct (261 000 ✓ - 1 000 ✓ + 2 800 ☑) 260 000 2 marks	☑262 800
Current portion of loan See NCL	*⊠⊠55 200
SARS: Income tax (750 $000\sqrt{-725000}$) Operation, one part correct	*⊠25 000
Shareholders for dividends see 3.1.2	*⊠875 600
TOTAL EQUITY AND LIABILITIES Operation	⊠9 950 000
*Items under CL may be combined	12

Foreign entries -1 (max -2) Presentation / Incorrect or incomplete details -1 (max -2) SARS R725 000 may not be shown as a current asset; final balance must be under CL Other misplaced BS items are not foreign – simply mark as wrong

3.2 AUDIT REPORT

3.2.1 Choose the correct word from those given in brackets. Disclaimer \checkmark

Give a reason. ✓

Must explain that no opinion was expressed / must explain a reason why no opinion was expressed. Mark the reason independent of word chosen above.

The external auditors did not express an opinion on the financial statements of Trimex Ltd

Auditors were unable to express an opinion because they were not able to verify a significant part of the company's transaction

Auditors were unable to express an opinion because there was insufficient evidence

2

3.2.2 Explain TWO consequences of this audit report for the company and/or the CEO.

Any two consequences $\sqrt[4]{} \sqrt{\sqrt{}}$ Award part-marks for incomplete answers

Responses for 2 marks:

- The directors will be held accountable.
- This is a bad publicity / negative point against the image of the company and CEO
- It could affect the share price and demand for shares
- The CEO / Directors might not be re-elected at the next AGM
- Shareholders / investors will lose faith in the directors / company
- · Inquiry / investigation into the company or its directors
- The company could be de-listed on the JSE
- The auditors will be more vigilant in future / could increase audit fees if they spend more time on the audits in future.

Responses for 1 mark:

The CEO will be fired / Written warning / Investigation / Suspension.

4

TOTAL MARKS		
60		

4.1	4.1.1	Internal Auditor	\checkmark	Mark wrong if more than one response for each	
	4.1.2	Independent Auditor	\checkmark		
	4.1.3	Director	\checkmark		
	4.1.4	Balance Sheet	\checkmark		4

4.2 SENZO LTD

4.2.1 Calculate income tax paid. 1 175 000 - 846 000 Must be both $9\ 800\ \checkmark + 329\ 000\ \checkmark \checkmark + 6\ 400\ \checkmark =$ 345 200 ☑ one part correct -9 800 - 329 000 -6400 = -345200Mark one line only. Signs may be reversed but must be consistent. 5 Ledger T-account may be drafted. Figures could be in brackets. Calculate proceeds from disposal of fixed assets (carrying value). 4 698 300 4 352 800 \checkmark one part correct (2 598 300 + 2 100 000) - (4 137 700 + 215 100) = 345 500 2 598 300 + 2 100 000 - 4 137 700 - 215 100 = 345 500 -2 598 300 - 2 100 000 + 4 137 700 + 215 100 = -345 500 Mark one line only. Signs may be reversed but must be consistent. 5 Ledger T-account may be drafted. Figures could be in brackets. Calculate net change in cash and cash equivalents. $(153\ 000\ \checkmark -2\ 500\ \checkmark) + 88\ 900\ \checkmark = \ 239\ 400\ \checkmark$ 150 500 OR 1 mark 1 mark 1 mark 1 mark $(88\ 900 - 2\ 500) + 153\ 000 = 239\ 400$ 86 400

Indicate whether this is a net inflow or net outflow of cash.

Net inflow ✓ Depends on calculation above

2 CASH EFFECTS OF FINANCING ACTIVITIES	1 093 000 ☑ Operation, one part correct
Proceeds from shares issued 2 967 000 \checkmark + 258 000 \checkmark - 2 520 000 \checkmark	705 000 ⊠* One part correct, must be inflow 4 marks if amount correct but in brackets
Re-purchase of shares $60\ 000\ \checkmark\ x\ R5,20\ \checkmark\ \checkmark$ 2 marks 4,30 + 0,90 both figures together	(312 000) ⊠* One part correct must be outflow
Increase in non-current liabilities (Loans)	700 000 $\sqrt{\checkmark}$ Must be inflow for 2 marks
Ledger account formats may be used to show calculations.	

*If answer is combined as a net inflow, award only 1 method mark on final answer, not 2.

*If net effect has been shown with workings, mark as follows:

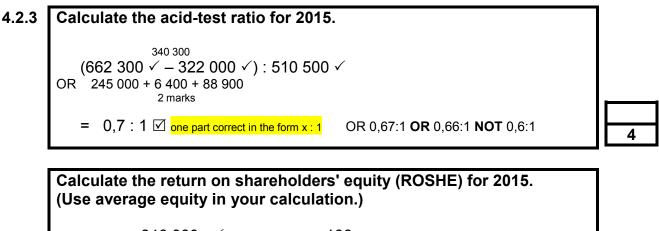
2 967 000 - 2 520 000 - 54 000 = 393 000

1 mark 1 mark 2 marks 1 method mark

5

10 NSC – Memorandum

5



 $\frac{846\ 000 \ \checkmark}{\frac{1}{2}\ \checkmark} (2\ 718\ 000 \ \checkmark + 3\ 439\ 500 \ \checkmark) \qquad x \ \frac{100}{1}$ $3\ 078\ 750\ (3\ marks)$ $= 27,5\% \ \boxed{\ } \text{ one part correct - must be \%}$

OR 27,47% OR 27,48%

Calculate the net asset value per share (NAV).	
Must be Rands or cents 3 439 500 ✓ ÷ 690 000 ✓ x 100 = 498,5 cents ☑ OR R4,99 one part correct	
OR 499 cents OR 498,47 cents OR 498,48 cents	3

4.3 DON LTD AND KEY LTD

4.3.1 Comment on the value of the shares of the two companies on the Johannesburg Securities Exchange (JSE). Explain how this will influence your choice of company.

	Financial indicators or explanations thereof; with figures	Explanation, must involve a choice Do not accept comparison of JSE prices only ✓✓ 2 marks or nothing
Don Ltd	JSE price 400c > NAV 310c	I would invest in Don Ltd as the shares seem to be in good demand OR I would not invest in Don Ltd as the shares might be overpriced OR
Key Ltd	√ √ √ JSE price 645c < NAV 750c	I would invest in Key Ltd as the shares seem to be under-valued OR I would not invest in Key Ltd as the shares might be in low demand

4.3.2 Compare and comment on the dividend pay-out policies of the two companies. Financial indicators or Award part-marks for incomplete answers Financial indicators or Comparison and comment

	Financial indicators or explanations thereof; with figures	Comparison and comment Do not accept comparison of the DPS only Must mention both companies √√ Can get 1 mark	
Don Ltd	DPS 360 cents ✓ EPS 420 cents ✓ OR 2 marks Distributes 86% of earnings	Don Ltd is distributing a higher percentage of income earned; Key Ltd has decided to retain half of EPS. OR Don Ltd appears to keep shareholders	
Key Ltd	DPS 490 cents ✓ EPS 980 cents ✓ OR 2 marks Distributes 50% of earnings	satisfied by giving them good dividends; Key Ltd appears to have plans for growth (better long term benefits) / equalisation of dividends over time.	6

4.3.3 Comment on the degree of risk and gearing. Explain how this will influence your choice of company. Award part-marks for incomplete answers

muen	ce your choice of co	Award part-marks for incomplete answers
	Financial indicators or explanations thereof with figures Must use D/E and ROTCE	Comparison, must involve a choice Accept valid alternative terminology ✓✓ Can get 1 mark
Don Ltd	D/E ratio 0,3 : 1 ✓ ROTCE 15,6% ✓ OR ROTCE >11,5%	I choose Don Ltd as financial risk is low and gearing is positive (ROTCE exceeds interest) OR I choose Don Ltd for its positive gearing (ROTCE exceeds interest) but they are not making effective use of loans OR I do not choose Key Ltd as there is high financial risk and negative gearing / too
Key Ltd	D/E ratio 1,6 : 1 √	much money borrowed and not able to use the funds effectively OR I choose Key Ltd as there is high use of
	ROTCE 10,2% ✓ OR ROTCE < 11,5%	loans and, and if they can improve efficiency (ROTCE), profit would improve significantly.

4.3.4 Apart from the points mentioned above, what other factors would you consider before deciding in which company you are going to invest? Explain TWO points.

Award part-marks for incomplete explanations

Any two valid factors with explanation / figures as explanation $\sqrt[4]{\sqrt{4}}$ Figures not essential

- **ROSHE**: Don Ltd's return (17,2%) is much higher than that of Key Ltd (9,1%)
- Liquidity: Key Ltd has a better current ratio (1,5:1) / acid-test ratio (0,8:1).
- Stock turnover: Key Ltd is managing stock more efficiently (62 days)
- **Debtors' collection**: Key Ltd's collection period is good (26 days)
- **Corporate social responsibility**: indicates good reputation of company (King Code)
- **Directors**: good professionalism will benefit the company and shareholders
- Audit report: indicates if the auditors have detected any problems or not.

TOTAL MARKS

6

Δ

5.1 BRUCE TRADERS

CASH BUDGET FOR NOVEMBER AND DECEMBER 2015

CASH BUDGET	NOVEMBER 2015 R	DECEMBER 2015 R
CASH RECEIPTS:		
Cash sales	✓ ✓ 420 000	399 000
Cash from debtors	536 025	597 975
Commission income	 ✓ 6 000 	✓ 7 000
Total receipts 5 Operation both columns, one part correct	☑ 962 025	1 003 975
CASH PAYMENTS:		
Cash purchases of stock	✓ ✓ 120 000	114 000
Payments to creditors	520 000	
Sundry expenses	22 500	✓ ✓ 20 700
Wages and salaries	√√√ 200 000	✓ 256 000
Advertisements	✓ ✓ 33 000	0
Repayment of loan Any figure	⊠√√ 36 000	2 marks if correct figure in wrong column
Interest on loan	✓ 3 780	✓ 3 510
Total payments 17	935 280	874 210
Surplus (deficit) Operation	26 745	☑ 129 765
Opening bank balance	(56 000)	✓ (29 255)
Closing bank balance Operation	(29 255)	☑ 100 510

25

3

Superfluous/foreign entries -1 per item (max – 3) for Advertising for Dec, bad debts, discount, depreciation

5.2 SLEEPEZI BEDS (PTY) LTD

5.2.1 Calculate the percentage increase in the amount budgeted for salaries and wages for October 2015.

 $\frac{1800}{30000} \times \frac{100}{1} = 6\% \checkmark \checkmark \frac{100}{\%}$ sign not essential here

Should the employees be satisfied with this? Explain.

Yes / No – compare to inflation rate / compare to directors fees \checkmark

The financial director is pleased with the work being done by the bookkeeper and 5.2.2 internal auditor. Identify an expense that indicates that he is correct. ✓ Audit fees **Explain your answer.** Any valid explanation $\sqrt{\sqrt{}}$ Part-marks for partial answers Expected response for 2 marks: The audit fees are much lower than expected, which means that they spent less time on the audit / records were in order 3 Expected response for 1 mark: Audit fees lower than expected Comment on how the new competitor has affected the sales of Sleepezi Beds. 5.2.3 Provide figures. Comment $\checkmark \checkmark$ Figures $\checkmark \checkmark$ Cash sales are 1/4 of the amount budgeted Cash sales projected R1,2m while actual was R300 000 Actual cash sales for Sept were R1,28m and dropped to R300 000 in Oct Budgeted cash sales was 80% but actually achieved 20% Sales decreased by 60 beds Gross profit decreased by R120 000 (R2 000 gross profit per bed) Sales decreased by R400 000 Explain how Sleepezi Beds has responded to this problem. Provide THREE points. Provide figures. Part-marks for incomplete explanations Consider other valid alternatives They deliberately increased credit sales (R300 000 was budgeted Point 1 but R900 000 was sold on credit). Explanation ✓ ✓ Figures ✓ They increased delivery expenses to expand their target market / Point 2 improve after-sales service. (Budgeted R150 000 but spent Explanation </ Figures </ R168 000; 12% increase). They spent R40 000 on advertising (Budgeted R10 000; 300% Point 3 overspent). / Decreased directors fees by R44 000 to fund more advertising R30 000. Explanation </ Figures </ 13 5.2.4 Comment on the cash balances. Provide figures. Any valid comment ✓ Figure/s ✓ Expected responses: Disappointing / they expected a closing balance of R335 000 The actual balance is an overdraft of R210 000 (difference R545 000) Actual balance for Sept is R230 000 while Oct reflects an overdraft of R210 000. (Difference R440 000). Explain how the directors can improve the cash balances in future. Explain

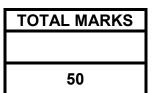
TWO points. Any valid comment 🗸 🗹 Award part-marks for incomplete explanations

Expected responses for 2 marks:	
Encourage debtors to pay faster	Charge clients for deliveries
Negotiate with creditors for longer	Take out a loan (to reduce the overdraft and
payment terms	interest)
Raise more capital / issue more shares	Decrease mark-up to increase sales
Move to cheaper premises	Look for alternative income e.g. commission

Expected responses for 1 mark: Decrease expenses / increase income / decrease rent / increase sales

. . .

6



6.1 SNAZZY HANDBAGS

PRODUCTION COST STATEMENT ON 30 SEPTEMBER 2015

*Must be in correct section / Accept abbreviations Foreign items -1 (max -2) e.g. S&DC R219 200 & AC R380 000 If categories are incorrectly placed, penalise on mark for details, but mark workings; will also lose method mark on prime cost subtotal		R		
*✓ Direct material cost (976 000 ✓– 17 000 ✓) One part correct		959 000	\checkmark	
*√ Direct labour cost	1 mark for final correct answer	755 000	\checkmark	
Prime Cost	Operation DMC + DLC	1 714 000	\checkmark	
*√ Factory overhead cost 14 720 (4 marks) (442 080 √ − 20 800 √ √ + 2 560 √ + 8 320 √ + 1 920 √ + 1 920 √) 12 800 (3 marks) One part correct		436 000	\checkmark	
Manufacturing cost	Operation, one part correct	2 150 000	\checkmark	
Work-in-process (1 October 2014)		74 000	\checkmark	
	Operation	2 224 000	\checkmark	
Work-in-process (30 September 2015) Operation TCOP – subtotal above; Ignore brackets		(36 500)	\checkmark	
Total cost of production		2 187 500	\checkmark	2

6.2 HEALTHY LIFESTYLE COOKWARE

6.2.1 Calculate the variable cost per unit for 2015.

2 160 000 √/ 27 000 √ =R 80 ☑ one part correct

Calculate the break-even point for 2015.

See above 2 850 000 ✓ / R175 ✓ – R80 ☑ = 30 000 units ✓ ☑ one part correct R95 2 marks 3

6.2.2 Explain why the owner should be concerned about the break-even point and level of production. Provide TWO points. Provide figures. There must be an explanation in each case Current production of 27 000 is less than the break-even Point 1 point of 30 000 units See 6.2.1 Figures ✓ Explanation √ Low level of production / Decrease in the level of production Point 2 from 32 000 units in 2014 to 27 000 in 2015. Figures ✓ Explanation ✓ BEP increased from 28 000 to 30 000 units see 6.2.1 - need to OR produce more units to break even.



6.2.3 Identify ONE other problem relating to this business. Provide figure(s).

Figures ✓ P

Problem ✓ Accept valid alternatives

- Increase in VC/u from R65 to R80 / increase in FC of R190 000 / decrease in turnover by R235 000.
- A small percentage increase in selling price (9,4%) is not adequate to cover costs.
- Selling price of R175 is higher than the R170 of the competitor. Difficult to compete in the market for pots.
- Loss made in 2015: 4 725 000 (2 850 000 + 2 160 000) = (285 000); compared to profit in previous year of R220 000.



TOTAL MARKS		
35		
35		

TOTAL: 300