NOVEMBER 2021 PROFESSIONAL EXAMINATION FINANCIAL ACCOUNTING (PAPER 1.1) CHIEF EXAMINER'S REPORT, QUESTIONS & MARKING SCHEME

STANDARD OF THE PAPER

The standard of the question paper was good, and candidates were asked to answer all the questions. The mark allocations followed the weight as stated in the syllabus, and marks were allocated to all sub-questions. There were no ambiguities in the paper, except that one question (question 2) was a bit loaded. The questions were clear, well-typed and the instructions were also clearly stated. The questions were evenly spread over the topics in the syllabus.

PERFORMANCE OF CANDIDATES

The performance of candidates was mixed. While others had good marks, others had low marks. This sitting (November 2021) recorded a pass rate of 49.64% compared to 47.74% of May 2021 sitting. High performers were spread across some centres, and so were low performers. Some candidates exhibited a high sense of preparedness, while others were not well prepared and therefore performed poorly.

NOTABLE STRENGTHS & WEAKNESSES OF CANDIDATES

The strength of most candidates was demonstrated in questions 3, 4 and 5a. The most prevalent reasons for some candidates obtaining low marks remain as in previous sittings, i.e. studying only a few selected topics, not reading the question carefully enough, or a lack of structure in the approach to answering questions. There were improper labelling of answers and inappropriate solutions from some candidates. The overall standard of some answers was disappointing. In particular, some candidates showed a poor understanding of bookkeeping across several questions. Few candidates did not attempt the required number of questions, thus making the achievement of an overall passing mark a challenge. The other areas of weakness around presentation are as follows:

- Poor and untidy handwriting
- No workings were presented for some questions.
- Some candidates make calculation errors within workings, thus presenting incorrect figures in the solution.
- Some candidates either did not number their answers or miss-numbered them. This was the case on the cover page too.

QUESTION ONE

a) Those charged with governance describe the role of persons entrusted with an entity's supervision, control, and direction, thus ordinarily accountable for ensuring that the entity achieves its objectives.

Required:

Explain **FOUR** (4) duties and responsibilities of those charged with governance.

(10 marks)

b) On 1 January 2020, the following was extracted from the books of Gaga:

	GH¢
Motor vehicles at cost	150,800
Accumulated depreciation on vehicles	95,700

During the year, the following occurred:

- On 1 February 2020, Motor Vehicle C was traded in against a motor vehicle D.
- Motor Vehicle C was purchased on 1 September 2016 for GH¢ 80,000.
- Gaga wrote a cheque of GH¢ 40,000 for Motor Vehicle D. On the date of purchase, the list price of Motor Vehicle D was GH¢ 71,400.
- Motor Vehicles are depreciated at 20% per annum on a straight line basis from the month of purchases to the month of sale.

Required:

Prepare the following account for the year ended 31 December 2020.

- i) Motor Vehicle at cost.
- ii) Motor Vehicle accumulated depreciation.
- iii) Disposal account for Motor Vehicle C.

(10 marks)

QUESTION TWO

a) Ansong is a sole proprietor whose accounting year is 1 November to 31 October. Ansong rents factory space at the cost of GH¢10,000 per quarter, payable in advance. Payments for rent were made on 1 January, 1 April, 1 July and 1 October during the year 2020.

Required:

- i) Show the ledger entries to record the above transactions for the year ended 31 October 2020. (4 marks)
- ii) Prepare an extract for the Statement of Profit or Loss and Statement of Financial Position.

 (1 mark)
- b) Agyei, Bobo and Dago have been in partnership for some years, sharing profits and losses in the ratio 3:2:1 respectively. The partnership statement of financial position as at 30 June 2020 was as follows:

	GH¢	GH¢
Assets		
Non-current assets		
Premises		80,000
Office equipment		58,400
Motor vehicles		45,000
		183,400
Current assets		
Inventory	28,600	
Trade receivables	25,800	
Bank	<u>5,650</u>	
		60,050
Total assets		<u>243,450</u>
Capital accounts		
Agyei	95,000	
Bobo	60,000	
Dago	<u>50,000</u>	
		205,000
Current accounts		
Agyei	15,200	
Bobo	7,040	
Dago	<u>(10,200)</u>	
		12,040
Current liabilities		
Trade payables		<u>26,410</u>
Total capital and liabilities		<u>243,450</u>

The partners have agreed that the following should take effect on 1 July 2020 upon the retirement of Dago.

- Goodwill is to be valued at GH¢60,000 and will not remain in the books of the account.
- Premises are to be revalued to GH¢116,325.
- Dago is to take inventory costing GH¢8,400 and a Motor Vehicle with a net book value of GH¢20,500 as part settlement of his capital.

- A specific allowance for receivables is to be made for GH¢5,300 owed by an individual customer. In addition, a general allowance for receivables is to be made at 5% of the remaining trade receivables.
- Agyei and Bobo will continue in partnership, sharing profits and losses in the ratio 3:2.
- Dago will transfer GH¢12,000 to a loan account to be repaid in full in 2025. No loan interest will be charged on this amount.
- The remaining balance from combining both Dago's capital account and current account will be paid from the business bank account.

Required:

i) Prepare the partners' capital accounts on 1 July 2020 to show the retirement of Dago.

(7 marks)

ii) Prepare the partnership statement of financial position as at 1 July 2020. (8 marks)

QUESTION THREE

The following information relates to the receivables and payables of Daakye, a sole trader, for the year ended 31 December 2020.

Extract from the books as at 1 January 2020 is stated below:

GH¢
400,000 Dr
40,000 Cr
360,000 Cr
160,000 Dr

Transactions for the year ended 31 December 2020:

	$\mathbf{GH}\mathbf{c}$
Sales on credit	2,800,000
Sales returns (all credit)	160,000
Purchases on credit	1,800,000
Purchases returns (all on credit)	80,000
Amounts received from customers	2,400,000
Discount allowed to customers	40,000
Discount received from suppliers	60,000
Bad debt written off	120,000
Interest charged by a supplier for late payment of accounts	12,000
Discount received but subsequently disallowed	6,000
Payments to suppliers	1,500,000
Dishonoured cheque received from a customer (included in the	25,000
amounts received from customers above)	
Contra entry between receivable and payable balances	9,780

Additional Information:

- A customer's balance of GH¢6,990 was omitted from the debit balances list as of 1 January 2020.
- As at 31 December 2020, the total of the credit balances in the receivable ledger was $GH \not\in 60,000$
- The total of the debit balances in the payable ledger as at 31 December 2020 was $GH \not\in 24,000$

Required:

- a) Prepare the Receivable and Payable Control Accounts for Daakye for the year ended 31 December 2020. (18 marks)
- b) Explain **TWO** (2) reasons for preparing control accounts. (2 marks)

QUESTION FOUR

The following trial balance was extracted from the books of Sintim, a sole trader, on 30 June 2019.

	$\mathbf{GH}\mathbf{c}$	$\mathbf{GH}\mathbf{c}$
Land	349,000	
Delivery vans	129,480	
Accumulated depreciation on Delivery vans		34,820
Inventory as at 1/07/2018	35,900	
Receivables and Payables	205,480	285,900
Bank		19,710
VAT liability		4,550
Purchases and Sales	551,960	821,700
Purchases returns and sales returns	42,820	18,800
Discounts allowed and received	3,940	5,560
Rent expenses	43,900	
Carriage outwards	6,240	
Power, light and heat	6,280	
Telephone, internet and media	11,020	
Insurance	29,000	
Rates and water	15,080	
Wages and salaries	143,900	
Allowance for receivables 1/07/2018		10,960
Irrecoverable debts	11,960	
Drawings	19,350	
Accumulated profits		104,640
Capital		300,270
Suspense accounts	<u>1,600</u>	
	<u>1,606,910</u>	<u>1,606,910</u>

The following information, which has not been accounted for above, is also necessary:

- i) The inventory count on 30 June 2019 showed closing inventory valued at GH¢ 34,380.
- ii) A review of receivables as at 30 June 2019 showed that a further GH¢ 2,300 was to be written off as an irrecoverable debt. Therefore, it was decided that the closing allowance for receivables was 10% of the outstanding receivables balance as at 30 June 2019.
- iii) On 30 June 2019, Sintim received a cheque of GH¢1,680 in relation to an irrecoverable debt previously written off.
- iv) A supplier of Sintim has charged an interest of GH¢1,490 on a payable balance that has been outstanding for over 200 days.
- v) GH¢16,000 of insurance in the trial balance above relates to 1 January 2019 to 31 December 2019.
- vi) Allowance to be made for depreciation is as follows: Land Not depreciated.

Delivery van 10% straight line basis.

vii)Upon investigation, it was revealed that the balance in the suspense account relates to a cash receipt from a customer of GH¢ 800 that was credited to the bank account in error.

Required:

- a) Prepare the statement of Profit or Loss for the year ended 30 June 2019. (12 marks)
- b) Prepare the statement of Financial Position as at that date.

(Total: 20 marks)

(8 marks)

QUESTION FIVE

The following summary information relates to two businesses Danyi and Napo. Both businesses traded in the same market sector for the year ended 31 December 2020.

Statement of Profit or Loss Accounts for the year ended 31 December 2020

	Danyi	Napo
	GH¢	GĤ¢
Sales	800,000	800,000
Cost of sales	(400,000)	(360,000)
Gross Profit	400,000	440,000
Expenses	(250,000)	(220,000)
Net Profit	150,000	220,000

Statement of Financial Position as at 31 December 2020

Statement of Phianelai		December 2020		
	Danyi		Napo	
	$\mathbf{GH}\mathbf{c}$	$\mathbf{GH}\mathbf{c}$	$\mathbf{GH}\mathbf{c}$	GH¢
Fixed Assets		490,000		700,000
Current Assets				
Inventor	50,000		100,000	
Receivable	80,000		160,000	
Cash at bank	<u>170,000</u>			
	300,000		260,000	
Current Liabilities				
Payables	90,000		140,000	
Bank overdraft	, _		120,000	

210,000	-
700,000	700,000
575,000	555,000
<u>150,000</u>	<u>220,000</u>
725,000	775,000
(25,000)	(75,000)
700,000	700.000
	575,000 <u>150,000</u> 725,000 (25,000)

Additional information:

Inventory as at 1 January 2020: Danyi GH¢30,000 Napo GH¢80,000

Required:

a) Calculate the following ratios for Danyi and Napo:

i) Gross profit margin	(1 mark)
ii) Net profit margin	(1 mark)
iii) Return on capital employed (based on closing capital)	(1 mark)
iv) Current ratio	(1 mark)
v) Liquid (acid test) ratio	(1 mark)
vi) Inventory turnover	(1 mark)

- b) Use the ratios calculated in a) to assess:
- i) The liquidity of both businesses;

(4 marks)

ii) The profitability of both businesses.

(4 marks)

c) Advise management of both Danyi and Napo on the actions they should now take to improve liquidity and profitability. (6 marks)

SOLUTION TO QUESTIONS

QUESTION ONE

- a) Duties and responsibilities of those charged with governance
- Compliance with accounting standards is important if the financial statements are to represent the activities of the entity fairly. If accounting standards are not complied with, then it may be that the financial statements are misleading. Investors then stand to lose money if they have made decisions based on misleading financial information.
- It is also important that employers have a code of ethics so that employees, in a situation where they feel they may have to act unethically, have somewhere to go for help. For example, some companies have a business code of ethics so that guidance is there for employees to know how they are expected to act and ask for assistance in an ethical dilemma.
- Accountants responsible for the preparation of financial information must ensure that the information they prepare is technically correct, reports the substance of the transaction and is adequately disclosed. The danger is that senior managers are put under pressure to present figures that inflate profit or assets or understate liabilities. This puts the accountant in a difficult position. On one hand, they wish to prepare accurate information, and on the other hand, there is a possibility they might lose their job if they do not comply with their manager's wishes.
- In this case, ethics starts with the individual preparing the information. They have a difficult decision to make; whether to keep quiet or take the matter further. If they keep quiet, they will certainly be aware that they are not complying with the ethics of the accounting body they belong to. If they speak out, they may be bullied at work into changing the information or sacked. Many accounting bodies have ethical 'help lines' where individuals can ring for advice.

(4 points @ 2.5 marks each = 10 marks)

b)	
i)	

Motor Vehicle at Cost

Wiotor Vernere at Coot					
Date	Details	GH¢	Date	Details	GH¢
01/01/2020	Balance b/d	150,800	01/02/2020	Disposal	80,000
01/02/2020	Cheque additions	40,000			
01/02/2020	Trade-in additions	<u>31,400</u>	31/12/2020	Balance c/d	<u>142,200</u>
		222,200			222,200
01/01/2021	Balance b/d	142,200			

ii) Motor Vehicle accumulated depreciation

Date	Details	GH¢	Date	Details	GH¢
01/02/2020	Disposal	54,668	01/02/2020	Balance b/d	95,700
31/12/2020	Balance c/d	<u>69,616</u>	31/12/2020	P/L	<u>28,584</u>
		<u>124,284</u>			124,284
			01/01/2021	Balance b/d	69,616

iii) Disposal account for Motor Vehicle	C
---	---

Date	Details	GH¢	Date	Details	GHø
01/02/2020	Cost	80,000	01/02/2020	Acc. Dep	54,668
	P/L	<u>6,068</u>	01/02/2020	Trade in	<u>31,400</u>
		86,068			86,068

Motor Vehicle C Depreciation Calculation

Year	Cost	Dep rate	Perio	od	Amount		
2016	80,000	20%	4/1	2	5,334		
2017	80,000	20%	1		16,000		
2018	80,000	20%	1		16,000		
2019	80,000	20%	1		16,000		
2020	80,000	20%	1/1	2	1,334		
Motor Vehicle C Depreciation Calculation							
Continu	ing	70	,800	20%	1	14,280	
Dispose	d of Motor Vel	nicle 80	,000	20%	1/12	1,334	
Addition	า	71	,400	20%	11/12	<u>13,090</u>	

(10 marks)

(Total: 20 marks)

28,704

EXAMINER'S COMMENTS

Question 1 a) was fairly answered by majority of candidates who attempted it. Although most candidates had some challenges with identifying the specific governance issues regarding the duties and responsibilities of those charged with governance, a handful of candidates did well in coming out with the specific governance issues.

Candidates had a lot of challenges and difficulties in answering questions 1 b) (i-iii) Majority of candidates could not open the ledgers required. The few candidates who could also open the ledgers wrongly entered the appropriate entries. The basic double-entry principles were lacking, evidenced by some of them scoring very low marks.

QUESTION TWO

i)		Rent			
•	01/01/2020	Bank	10,000		
	01/04/2020	Bank	10,000		
	01/07/2020	Bank	10,000		
	01/10/2020	Bank	<u>3,333</u>		
			33,333		
		Bank			
	01/01/2020	Rent	10,000		
	01/04/2020	Rent	10,000		
	01/07/2020	Rent	10,000		
	01/10/2020	Rent	<u>10,000</u>		
			<u>40,000</u>		
	Prepayment				
•	01/10/2020	Rent	6,667		

(4 marks)

ii) Extract of Profit or Loss

Rent expense GH¢33,333

Extract of Statement of Financial Position

Current asset:

Prepayment (rent) GH¢6,667 (1 mark)

b)

i)		Partners' Capital Accounts					
	Agyei	Bobo	Dago				

		1 ultile	15 Capia	ar riccourtes			
	Agyei	Bobo	Dago		Agyei	Bobo	Dago
	GH¢	$GH \mathfrak{C}$	GH¢		GH¢	$GH \mathfrak{C}$	GH¢
Goodwill	36,000	24,000		Balance b/d	95,000	60,000	50,000
Motor vehicle			20,500	Goodwill	30,000	20,000	10,000
Inventory			8,400	Revaluation	<u>15,000</u>	10,000	5,000
Loan			12,000				
Current a/c			10,200				
Bank			13,900				
Balance c/d	<u>104,000</u>	<u>66,000</u>					
	<u>140,000</u>	<u>90,000</u>	<u>65,000</u>		<u>140,000</u>	<u>90,000</u>	<u>65,000</u>
				Balance b/d	104,000	66,000	

Workings:

1. Revaluation surplus calculation:

 $GH\emptyset$ (116,325 - 80,000) - GHS (5,300 + (25,800 - 5,300) x 5%) = $GH\emptyset$ 30,000

Agyei $30,000 \times 3/6 = 15,000$ $30,000 \times 2/6 = 10,000$ Bobo

	Dago	30,000 x 1/6 = 5,000		
2.	Goodwill in old ratio: Agyei Bobo Dago	60,000 x 3/6 = 30,000 60,000 x 2/6 = 20,000 60,000 x 1/6 = 10,000		
3.	Goodwill in new ratio: Agyei Bobo	60,000 x 3/5 = 36,000 60,000 x 2/5 = 24,000	(7 marks evenly sp	read with ticks)
ii)	Statement of financial p	position for Agyei and	Bobo at 1 July 2020	
,	1	0,7	ĞH¢	GHø
	Assets Non-current assets Premises Office equipment Motor vehicle (45,000 –	20,500)		116,325 58,400 <u>24,500</u> 199,225
	Current assets			_,,,
	Inventory (28,600 - 8,40	00)	20,200	
	Trade receivables (25,8 Total assets	00 - 6,325)	19,475	39,675 238,900
	Capital accounts			
	Agyei		104,000	
	Bobo		66,000	170,000
	Current accounts			
	Agyei		15,200	
	Bobo		7,040	22,240
	Non-current liabilities			
	Loan account			12,000
	Current liabilities			
	Bank overdraft (13,900	- 5,650)	8,250	
	Trade payables		26,410	<u>34,660</u>
	Total capital and liabi	lities		238,900
			(8 marks evenly sp	read with ticks)

Page **12** of **19**

EXAMINER'S COMMENTS

Question 2 a) was poorly answered. Most candidates had difficulties with the opening and closing balances of the rent ledger. The ii) part of the question was no exception. As a result, candidates could not prepare the Extract of Profit or Loss and Financial Position.

The b) part of the question regarding the Partnership Capital Account was fairly answered by most candidates. It is, however, important to state that majority of the candidates failed to correctly compute the revaluation surplus as workings for all the three partners, Agyei, Bobo and Dago. The Statement of Financial Position for Agyei and Bobo as at the 1 July 2020 was also fairly answered. Candidates who attempted to prepare the Statement of Financial Position had a lot of the entries correct. However, majority of candidates failed to balance the Statement of Financial Position for Agyei and Bobo.

QUESTION THREE

31/12/2020 Balance c/d

\sim						
a)	Receivables Control Accounts					
	Date	Details	GH¢	Date	Details	GH¢
	01/01/2020	Balance b/d	400,000	01/01/2020	Balance b/d	40,000
		Sales	2,800,000		Sales returns	160,000
		Dishonoured			Receipts from	
		cheque	25,000		customers	2,400,000
		-			Discount	
		Balance omitted	6,990		allowed	40,000
					Irrecoverable	
					debt	120,000
					Contra	9,780
	31/12/2020	Balance c/d	60,000	31/12/2020	Balance c/d	522,210
			3,291,990			3,291,990
	01/01/2021	Balance b/d	522,210	01/01/2021	Balance b/d	60,000
	,	·			·	
		I	Payable Cont	rol Accounts		
	D.	D 4 11	OII.	D.	D + 11	

	Tayable Control Recounts					
Date	Details	GH¢	Date	Details	GH¢	
01/01/2020	Balance b/d	160,000	01/01/2020	Balance b/d	360,000	
	Purchases					
	returns	80,000		Purchases	1,800,000	
	Discount					
	received	60,000		Interest	12,000	
	Payments to			Discount		
	suppliers	1,500,000		disallowed	6,000	
	Contra	9,780				
			l			

392,220 | 31/12/2020 Balance c/d

2,202,000

2,202,000

(18 marks evenly spread)

- b) Businesses prepare control accounts for the following reasons:
- First, the purpose of the control account is to keep the nominal ledger free of details yet have the correct balance for receivables and payables for the trial balance, which forms part of the financial statements.
- Control accounts are a means of proving the accuracy of the ledger accounts of receivables and payables. As a result, this is a control mechanism to ensure the accuracy of the receivables and payables ledgers. This control assists in the location of the error.
- Control accounts can also act as an internal check, i.e. the person posting entries to the control account acts as a check on a different person who posts amounts from the daybooks to the personal ledgers.

(Any 2 points @ 1 mark each = 2 marks)

(Total: 20 marks)

EXAMINER'S COMMENTS

Question three a) where candidates were asked to prepare Receivable and Payable Control Accounts was obviously the bonus question. All candidates who attempted it had very high marks, with some of the candidates scoring all the eighteen (18) marks. A few candidates struggled to record the entries correctly and thus had very low marks. Question three b) aspect was also fairly answered by the majority of candidates.

QUESTION FOUR

a) Statement of Profit or Loss for the year ended 30 June 2019

	$GH \mathfrak{C}$	$GH \mathfrak{C}$	GH¢
Sales			821,700
Sales returns			<u>42,820</u>
Net Sales			778,880
Cost of sales			
Opening Inventory		35,900	
Purchases	551,960		
Purchases returns	(18,800)	533,160	
		569,060	
Less Closing Inventory		(34,380)	(534,680)
Gross Profit			244,200
Discount received			5,560
Less Expenses:			

Rent expenses	43,900	
Depreciation on delivery van	12,948	
Insurance	21,000	
Rates and Water charges	15,080	
Wages and salaries	143,900	
Carriage outwards	6,240	
Discount allowed	3,940	
Interest charge	1,490	
Telephone, internet and media	11,020	
Increase in receivables	9,358	
Irrecoverable debts	14,260	
Irrecoverable debt recovered	(1,680)	
Power, light and heat	6,280	(287,736)
Operating loss		(37,976)

(Marks are evenly spread using ticks = 12 marks)

b)	b) Statement of Financial Position as at 30 June 2019				
,	Non-current Assets	GH¢	GH¢	GH¢	
	Land	349,000		349,000	
	Delivery van	129,480	(47,768)	81,712	
	Current Assets		,		
	Inventory		34,380		
	Receivables	203,180	,		
	Closing allowance	(20,318)	182,862		
	Prepayments	(', ',	8,000	225,242	
	1 7		,	655,954	
				<u>,</u>	
	Equity and Liabilities				
	Capital			300,270	
	Accumulated Profit/ loss b/s	f	104,640	,	
	Loss during the year		(37,976)		
	Accumulated profit		\	66,664	
	Drawings			(19,350)	
	214111165			(15)333)	
	Current Liabilities				
	Payables		287,390		
	Bank overdraft		16,430		
	Vat Liability		4,550	308,370	
	vac Euchitty		<u> 1,000</u>	655,954	
				000,704	

(Marks are evenly spread using ticks = 8 marks)

WORKINGS

1. Receivables

1.	Receivables	
	Receivable as per TB	205,480
	Additional irrecoverable debt	2,300
	Restated receivables	203,180
	Allowance for irrecoverable	10%
	Closing Allowance	20,318
	Opening Allowance	(10,960)
	•	9,358
	Irrecoverable debt as per TB	11,960
	Additional irrecoverable	<u>2,300</u>
	Restated debts recovered	14,260
2.	Bank	
	Bank as per TB	(19,710)
	Irrecoverable debts recovered	<u>1,680</u>
		(18,030)
	Suspense a/c	<u>1,600</u>
	_	(16,430)
3.	Payables	
	Payable	285,900
	Interest Charges	<u>1,490</u>
		<u>287,390</u>
4.	Insurance	
	Insurance as per TB	29,000
	Prepayment	<u>-8,000</u>
		<u>21,000</u>

EXAMINER'S COMMENTS

Question four was a bit difficult for most candidates. Due to time constraints most candidates attempted it as their last question and, as a result, could not earn the needed marks. Also, candidates had issues identifying the sales and purchases returns in the trial balance and therefore had difficulties treating these figures in the Statement of Profit or Loss. Some candidates also just provided workings without transferring their answers (figures) to the Statement of Profit or Loss and Statement of Financial Position and thus lost a lot of marks. However, some candidates were able to correctly prepare both the Statement of Profit and Loss and Statement of Financial Position, thus earning the maximum marks.

QUESTION FIVE

a)

i) Gross profit margin:
$$\frac{\text{Danyi}}{sales} \times 100$$
 $\frac{400,000}{800,000} \times 100 = 50\%$ $\frac{440,000}{800,000} \times 100 = 55\%$ (1 mark)

ii) Net profit margin:

$$\frac{Net \ profit}{sales} x \, 100 \qquad \qquad \frac{150,000}{800,000} x \, 100 = 18.75\% \qquad \qquad \frac{220,000}{800,000} x \, 100 = 27.50\%$$

(1 mark)

iii) (ROCE:

$$\frac{\text{Pr}\,ofit}{Capital\,employed}x\,100 \qquad \frac{150,000}{700,000}x\,100 = 21.43\% \qquad \qquad \frac{220,000}{700,000}x\,100 = 31.43\%$$

(1 mark)

iv) Current ratio:

$$\frac{Current \, assets}{Current liabilities} \qquad \frac{300,000}{90,000} = 3.3:1 \qquad \frac{260,000}{260,000} = 1:1$$

(1 mark)

v) Liquid ratio:

$$\frac{Current \, assets - stocks}{Current liabilities} \quad \frac{250,000}{90,000} = 2.8:1 \qquad \frac{160,000}{260,000} = 0.62:1$$
(1 mark)

vi) Stock turnover:

$$\frac{Cost \ of \ sales}{(Average) \ Stocks \ held} \quad \frac{400,000}{40,000} \quad = 10 \ times \qquad \qquad \frac{360,000}{90,000} \quad = 4 \ times$$

(1 mark)

b)

- i) Liquidity:
- The stock turnover of Napo is low, and stock levels are twice those of Danyi.
- The current ratio of Danyi is high with probable idle funds, Napo's ratio is low with poor credit control.
- The liquid ratio of Danyi is high with substantial cash available, Napo's ratio is again low with an overdraft and substantial debts uncollected.

(2 points @ 2 mark each = 4 marks)

- ii) Profitability:
- The gross profit margin of Napo is greater than Danyi, possibly due to a higher markup.
- The net profit margin of Napo is greater than Danyi as expenses have been maintained at a lower level for the same turnover for both businesses.
- Return on capital employed is acceptable for both businesses but particularly high for Napo.

(2 points @ 2 marks each = 4 marks)

c)

Advise to management of Danyi:

- Danyi should seek to reduce its expenses.
- Danyi should consider investing some of its cash which is at present 'idle'.
- Danyi's stock level has increased from GHø30,000 to GHø50,000 in one year and should therefore be reviewed.

(3 points @ 1 mark each = 3 marks)

Advise to management of Napo:

- Napo should seek to reduce its inventory level and improve its stock turnover.
- Napo should institute better credit control to reduce its debtors to fund the elimination of bank overdraft.
- Napo should seek to improve its current ratio and liquid ratio.

(3 points @ 1 mark each = 3 marks)

(Total: 20 marks)

EXAMINER'S COMMENTS

Question five a) was fairly answered by most candidates who attempted it. However, it is worth noting that some candidates could not ascertain and determine the gross profit margin, net profit margin, return on capital employed, current ratio, liquidity ratio and stock turnover ratio. Although some of these ratios were easy to compute some candidates failed to get the computations accurately. For instance, some candidates had difficulties in calculating the stock turnover ratio. Instead, they were computing the stock turnover period.

Regarding questions b) and c), some candidates had challenges in relation to their comments in explaining the ratios they had computed. For example, some were not able to match the profitability ratios calculated in line with the gross profit, which should directly be linked to the cost of sales. This net profit margin should also be linked to expenses and the return on capital employed. It should also be linked to how efficiently the company can employ its assets to generate the needed revenue.

The liquidity ratios also lacked the simple relationship between how companies can raise the needed cash to pay for their debts as and when they fall due. And again, where inventory is not part of the current assets, how companies can put in place the necessary measures to manage its receivables by putting in place a robust credit control collection measure to collect their debts to boost their cash flow. This analysis

was not evident in most of the scripts. Lastly, the advice to management regarding the actions they could take in improving profitability and liquidity lacked a lot of proper analysis.

Despite the above, some candidates explained and made good recommendations, which earned them good marks.

CONCLUSION

Candidates and Lecturers should use past question papers as a guide to future question papers. However, candidates also need to be aware that future papers, although still following the current specification, may differ in approach and format from the current series. Candidates should always read questions well and understand the requirements before answering the questions.

Candidates are also advised to go through the syllabus very well before sitting for the examination.