Cambridge IGCSE

Cambridge International Examinations
Cambridge International General Certificate of Secondary Education

CANDIDATE NAME									
CENTRE NUMBER						CANDIDATE NUMBER			

ACCOUNTING **0452/21**

Paper 2 **October/November 2016**

1 hour 45 minutes

Candidates answer on the Question Paper.

No Additional Materials are required.

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name on all the work you hand in.
Write in dark blue or black pen.
You may use an HB pencil for any diagrams or graphs.
Do not use staples, paper clips, glue or correction fluid.
DO **NOT** WRITE IN ANY BARCODES.

Answer **all** questions.
You may use a calculator.

Where layouts are to be completed, you may not need all the lines for your answer.
The businesses mentioned in this Question Paper are fictitious.

At the end of the examination, fasten all your work securely together.
The number of marks is given in brackets [ ] at the end of each question or part question.

This document consists of **17** printed pages and **3** blank pages.

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CAMBRIDGE International Examinations

1 Amira's financial year ends on 30 September. She buys and sells on both cash and credit terms and maintains a full set of accounting records.

Control accounts are prepared at the end of each month.

REQUIRED

(a) Name the book of prime (original) entry which Amira would use to obtain the following information when preparing her sales ledger control account.

View solution

	Book of prime (original) entry
Cheque refund to credit customer	
Bad debts written off	
Returns by credit customers	
Interest charged on customer's overdue account	

[4]

(b) State **two** reasons why Amira prepares a purchases ledger control account.

View solution

1 .....

.....

2 .....

..... [2]

Amira provided the following information for September 2016.

		$
September 1	Debit balances in purchases ledger	93
	Credit balances in purchases ledger	4210
September 30	Totals for the month	
	Credit purchases	5366
	Cash purchases	1469
	Cheques paid to credit suppliers	3705
	Cheques received from credit customers	6102
	Discount allowed	204
	Discount received	95
	Returns to credit suppliers	197
	Interest charged by supplier on overdue account	12
	Cash refund received from credit supplier	150
	Contra entry	494
October 1	Debit balances in purchases ledger	68
	Credit balances in purchases ledger	?

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REQUIRED

(c) Select the relevant figures and prepare the purchases ledger control account for the month of September. Balance the account and bring down the balances on 1 October 2016.

View solution

Amira
Purchases ledger control account

Date	Details	$	Date	Details	$
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
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.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....

[12]

(d) Suggest **one** advantage of paying credit suppliers before the due date.

View solution

.....

..... [1]

(e) Suggest **one** disadvantage of paying credit suppliers before the due date.

View solution

.....

..... [1]

[Total: 20]

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2 Diane is a trader. She buys goods on credit from Udomo. On 1 October 2016 Diane owed Udomo $720.

Several transactions took place between the traders in October 2016.

REQUIRED

(a) Complete the following table. Name the book of prime (original) entry in which **each** document would be recorded by **each** trader.
If the document is not entered in a book of prime (original) entry, write "No entry".

View solution

Date	Document	Book of prime entry used by Diane	Book of prime entry used by Udomo
Oct 8	Invoice $560	.....	.....
12	Debit note $115	.....	.....
16	Credit note $100	.....	.....
24	Cheque $720	.....	.....
31	Statement of account $460	.....	.....

[10]

(b) Name the person who issued **each** of the following documents. In **each** case suggest **one** reason for the issue of that document.

View solution

(i) Debit note 12 October

Name of person issuing the document.....

Reason for the issue of the document.....

.....

..... [2]

(ii) Credit note 16 October

View solution

Name of person issuing the document.....

Reason for the issue of the document.....

.....

.....[2]

(iii) Statement of account 31 October

View solution 

Name of person issuing the document.....

Reason for the issue of the document.....

.....

..... [2]

(c) Prepare the account of Diane as it would appear in the ledger of Udomo for October 2016. Balance the account and bring down the balance on 1 November 2016.


View solution

Udomo
Diane account

Date *2016*	Details	$	Date *2016*	Details	$
Oct 1	*Balance b/d*	*720*	……	……..……....	……
.....	.....	.....	.....	……..……....	.....
.....	.....	.....	.....	……..……....	.....
.....	.....	.....	.....	……..……....	.....
.....	.....	.....	.....	……..……....	.....
.....	.....	.....	.....	……..……....	.....
.....	.....	.....	.....	……..……....	.....

[4]

[Total: 20]

3 The Bolton Road Music Club was formed on 1 September 2015. The club has 60 members and the annual subscription is $100. The club provides musical instruments for members to use. In addition the club also has a shop selling CDs.

The treasurer provided the following information for the year ended 31 August 2016.

Amounts received	$	Amounts paid	$
Subscriptions	6300	Purchases of CDs for shop	12422
Revenue from shop	15520	Wages of shop assistant	1850
Loan from Music4all received		Insurance	1200
on 1 March 2016	20000	Rent and rates	3300
		Purchase of musical instruments	4800
		Repairs to musical instruments	197
		General expenses of club	2293

At 31 August 2016

1 The shop suppliers were owed $1112.

2 Shop inventory was valued at $1964.

3 Five members had paid their subscription for the following financial year.

4 Two members had not paid their subscription for the current financial year.

5 10% of the insurance relates to the shop.

6 Rent and rates accrued amounted to $300. Half of the rent and rates relates to the shop.

7 A loan of $100 to the shop assistant is included in the wages.

8 Interest of 4% per annum was accrued on the loan from Music4all.

9 Musical instruments are to be depreciated at 15% per annum on cost.

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REQUIRED

(a) State the meaning of the following terms.

View solution

Subscriptions

.....

.....

Accumulated fund

.....

.....

Receipts and payments account

.....

..... [3]

(b) Prepare the shop income statement for the year ended 31 August 2016.

View solution

Bolton Road Music Club Shop
Income Statement for the year ended 31 August 2016

	$	$
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
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.....	.....	.....

[8]

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(c) Prepare the income and expenditure account for the year ended 31 August 2016.

View solution

Bolton Road Music Club
Income and Expenditure Account for the year ended 31 August 2016

	$	$
.....	.....	.....
.....	.....	.....
.....	.....	.....
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[11]

[Total: 22]

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Question 4 is on the next page.

4 The financial year of Nawaz ends on 31 August. He sells on credit terms and maintains a provision for doubtful debts.

REQUIRED

(a) State the meaning of the following terms.

View solution

Bad debts

.....

.....

Bad debts recovered

.....

.....

Provision for doubtful debts

.....

..... [3]

(b) Name **two** accounting principles which Nawaz is applying by maintaining a provision for doubtful debts.

1 .....

2 ..... [2]

(c) Suggest **two** ways in which Nawaz could reduce the possibility of bad debts.

View solution

1 .....

2 ..... [2]

Nawaz provided the following information.

	$
On 1 September 2015	
Provision for doubtful debts	1450
During the year ended 31 August 2016	
Debts written off	2064
On 31 August 2016	
Trade receivables	79650

On 31 August 2016 it was decided to write off $250 owed by Uzma. The provision for doubtful debts was adjusted to 2% of the remaining trade receivables.

REQUIRED

View solution

(d) Prepare journal entries on 31 August 2016 to record the following.

1 Writing off the bad debt
2 Closing the bad debts account
3 Adjusting the provision for doubtful debts.

Narratives are **not** required.

Nawaz
Journal

		Debit $	Credit $
1	.....	.....	.....
	.....	.....	.....
	.....	.....	.....
2	.....	.....	.....
	.....	.....	.....
	.....	.....	.....
3	.....	.....	.....
	.....	.....	.....
	.....	.....	.....

[6]

(e) Prepare an extract from the statement of financial position on 31 August 2016 to show the trade receivables.

View solution

Nawaz
Extract from Statement of Financial Position at 31 August 2016

Current assets

.....

.....

..... [2]

[Total: 15]

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5 The financial year of Sandton Limited ends on 30 September.

During the year ended 30 September 2016 the following transactions took place.

1 The company made a profit for the year of $14 750.
2 An interim dividend of $4500 was paid on the ordinary shares.
3 A transfer of $5000 was made to general reserve.

REQUIRED

(a) Complete the following statement of changes in equity for the year ended 30 September 2016.

View solution

Sandton Limited
Statement of Changes in Equity for the year ended 30 September 2016

Details	Share capital $	General reserve $	Retained earnings $	Total $
On 1 October 2015	*150 000*	*14 000*	*31 000*	*195 000*
Profit for the year	.....	.....	.....	.....
Dividend paid	.....	.....	.....	.....
Transfer to general reserve	.....	.....	.....	.....
On 30 September 2016	.....	.....	.....	.....

[4]

Sandton Limited provided the following information at 30 September 2016.

	$
3% Debentures (repayable 2020)	15 000
Premises at cost	135 200
Fixtures and equipment at cost	37 600
Motor vehicles at cost	54 000
Provision for depreciation – fixtures and equipment	7 520
motor vehicles	10 800
Trade receivables	10 840
Trade payables	7 460
Other receivables	472
Other payables	130
Bank	4 294 credit
Inventory	12 613
Provision for doubtful debts	271

REQUIRED

(b) Prepare a statement of financial position at 30 September 2016.

View solution

Sandton Limited
Statement of Financial Position at 30 September 2016

	$	$	$
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
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.....	.....	.....	.....

[14]

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Sandton Limited sells and buys on both cash and credit terms. Credit customers are allowed 28 days in which to pay their accounts. The credit suppliers allow Sandton Limited 30 days in which to pay their accounts.

The following information was available for the year ended 30 September 2016.

	Sales	Purchases
	$	$
Cash	67 500	28 600
Credit	152 500	95 000

REQUIRED

(c) **(i)** Calculate the collection period for trade receivables. Use the amount of trade receivables before the provision for doubtful debts.

Round up your answer to the next whole day.

View solution

.....

.....

..... [2]

(ii) Calculate the payment period for trade payables.

View solution

Round up your answer to the next whole day.

.....

.....

..... [2]

(iii) Comment on your answers to **(c)(i)** and **(c)(ii)**.

View solution

.....

.....

.....

..... [2]

[Total: 24]

6 Daniel's financial year ends on 31 July.

He provided the following information for the year ended **31 July 2015**.

	$
Cost of sales	285 000
Profit for the year	36 000

Gross profit was 30% of cost of sales.

REQUIRED

(a) (i) Calculate the gross profit.

View solution

.....

.....

..... [1]

(ii) Calculate the revenue.

.....

.....

..... [1]

(iii) Calculate the percentage of gross profit to revenue. The calculation should be to **two** decimal places.

.....

.....

..... [2]

(iv) Calculate the percentage of profit for the year to revenue. The calculation should be to **two** decimal places.

.....

.....

..... [2]

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(b) Suggest **two** reasons why the percentage of gross profit to revenue is higher than it was in the previous financial year.

1 .....

.....

2 .....

..... [2]

(c) Suggest **two** reasons why the percentage of profit for the year to revenue is lower than it was in the previous financial year.

1 .....

.....

2 .....

..... [2]

After the preparation of the **draft financial statements** for the year ended **31 July 2016** the following errors were discovered.

View solution

1 No entry had been made for bank charges, $110.

2 Rent receivable, $780, had been recorded as $870.

3 The total of a page of the wages account, $10 050, had been carried forward as $10 500.

4 A credit customer who owed $500 had sent a cheque for 75 cents for each dollar owed. The balance should have been written off as a bad debt.

5 The provision for doubtful debts, $650, should have been adjusted to 2% of the trade receivables who owed $30 800.

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REQUIRED

(d) Complete the following statement to show the effect on the draft profit for the year of **correcting** errors 1–5. Calculate the corrected profit for the year.


View solution

The first correction has been completed as an example.

Daniel
Statement of corrected profit for the year ended 31 July 2016

	Increase in profit $	Decrease in profit $	$
Draft profit for the year before corrections			41 000
Error 1	.....	*110*	
Error 2	.....	.....	
Error 3	.....	.....	
Error 4	.....	.....	
Error 5	.....	.....	
Corrected profit for the year			

[9]

[Total: 19]

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