



Cambridge International Examinations
Cambridge International General Certificate of Secondary Education

ACCOUNTING

0452/13

Paper 1

May/June 2016

MARK SCHEME

Maximum Mark: 120

Published

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the May/June 2016 series for most Cambridge IGCSE[®], Cambridge International A and AS Level components and some Cambridge O Level components.

Page 2	Mark Scheme	Syllabus	Paper
	Cambridge IGCSE – May/June 2016	0452	13

- 1 (a) A
- (b) B
- (c) D
- (d) B
- (e) A
- (f) C
- (g) B
- (h) A
- (i) D
- (j) C [10]
- 2 (a) Assets – liabilities = capital (1) [1]
Or suitable alternative
- (b)
- | | |
|-----------------|------------------|
| account debited | account credited |
| drawings (1) | cash (1) |
- [2]
- (c) Decreased (1) [1]
- (d) Goods for own use [1]
Private expenses paid by business
Business asset taken over by owner
Any one (1) mark

Page 3	Mark Scheme	Syllabus	Paper
	Cambridge IGCSE – May/June 2016	0452	13

(e) Capital employed = owner's capital + non-current liabilities (1) [1]

OR

Capital employed = assets less current liabilities (1)

(f) The recording of all financial transactions in the books of account (1) [1]

(g) Any one of: [1]

To avoid multiple entries in the ledger

Different books of prime entry can be maintained by different people

Acts as an aid for posting to the ledger by analysing a transaction into debit and credit entry

Helps to reduce the amount of detail in the ledger as only totals are posted to the ledger

Provides evidence of transactions since they are recorded from source documents

Helps in the auditing/tracking process/facilitates cross referencing

Easy reference to source of transaction

Helps in gathering and summarising of accounting information

Groups together similar types of transactions in one book in date order

(h)

book of prime (original) entry	source document
cash book	<i>cheque counterfoil</i>
sales journal	sales invoice (1)
sales returns journal	credit note issued(1)
purchases journal	purchase invoice (1)
petty cash book	voucher (1)

[4]

(i) Any correct answer for (1) mark [1]

E.g. depreciation, bad debt, creation of/increase in/decrease in provision for doubtful debts, correction of error, purchase/sale of non-current asset on credit, drawings of goods etc.

(j) Duality / dual aspect (1) [1]

[Total: 14]

Page 4	Mark Scheme	Syllabus	Paper
	Cambridge IGCSE – May/June 2016	0452	13

3 (a) A statement comprised of revenues and expenses (1) for a specific period (1) [2]

(b) To know if he has made a profit/has an adequate return on his investment (1) [1]

(c)

User	Reason
credit supplier	to check on likelihood of being paid
manager	to see efficiency and progress of the business
bank/lender	to check on suitability for loan
government	to use in tax calculation

OR other suitable user

(1) mark for any suitable user plus related reason for (1) mark [2]

(d) To check the arithmetical accuracy of the double entry (1) [1]

OR

As a basis for the preparation of the financial statements (1)

(e)

	debit side	credit side
machinery	✓	
bank overdraft		✓
inventory	✓	
capital		✓
purchases	✓	
discount received		✓
carriage outwards	✓	
trade receivables	✓	

Any **two** correct answers = 1 mark

[4]

(f) (i) Machinery } [2]
Inventory }

Trade receivables }

all 3 correct for (2) marks, any 2 correct for (1) mark

Page 5	Mark Scheme	Syllabus	Paper
	Cambridge IGCSE – May/June 2016	0452	13

(ii) Bank overdraft (1) [3]

(g) Suspense (1) [1]

(h) Any two for 2 marks: [4]

- Omission (1) transaction totally omitted from the books (1)
- Commission (1) transaction posted to wrong account of right class (1)
- Principle (1) transaction posted to account of wrong class (1)
- Original entry (1) transaction incorrectly recorded in book of prime entry (1)
- Reversal (1) debit entry posted on credit side and vice versa (1)
- Compensating (1) errors cancel one another out (1)

[Total: 18]

4 (a)

		\$		
Year 1	10 000 × 0.25	2500	(1)	
Year 2	7500 × 0.25	1875	(1)	
Total		4375	(1)	[3]

(b)

Virginia
Motor vehicle account

2015		\$		2015		\$	
Jan 1	Balance b/d	10 000	(1)	May 28	Disposal	10 000	(1)
May 28	Bank	17 000	(1)	Dec 31	Balance c/d	17 000	
		27 000				27 000	
2016							
Jan 1	Balance b/d	17 000	(1of)				

Provision for depreciation of motor vehicle account

2015		\$		2015		\$	
May 28	Disposal	4375	(1of)	Jan 1	Balance b/d	4375	(1of)
Dec 31	Balance c/d	4250		Dec 31	Income statement	4250	(1)
		8625				8625	
				2016			
				Jan 1	Balance b/d	4250	(1of)

Page 6	Mark Scheme	Syllabus	Paper
	Cambridge IGCSE – May/June 2016	0452	13

Motor vehicle disposal account

2015		\$		2015		\$	
May 28	Motor vehicle	10 000	(1)	May 28	Provision for depreciation	4 375	(1of)
Dec 31	Income statement (1)	1 585	(1of)		Cash	7 210	(1)
		<u>11 585</u>				<u>11 585</u>	
	+ (1) for dates						
							[14]

(c) Statement of financial position (1) [2]

Non-current assets (1)

(d) The cost of the non-current asset and the revenues arising from its use are matched (1) in an accounting period (1) [2]

OR

The cost of the non-current asset is spread (1) over its useful life (1)

(e) Prudence (1) [1]

(f) Small items of equipment e.g. loose tools (1) [1]

[Total: 23]

5 (a) Separate legal identity from its owner (1) [max 3]
 Limited liability (1)
 Can issue shares to raise capital (1)
 May find it easier to obtain loans/issue debentures (1)
 Continuity (1)

Other reasonable answers acceptable

(b)

definition	term
the value of shares which a company has requested from its shareholders	called up capital (1)
the value of shares for which the company has received cash	paid up capital (1)

[2]

Page 7	Mark Scheme	Syllabus	Paper
	Cambridge IGCSE – May/June 2016	0452	13

(c)

AC Industries Limited
Statement of Changes in Equity for the year ended 31 March 2016

Details	Share capital \$	General reserve \$	Retained earnings \$	Total \$	
On 1 April 2015	100 000	20 000	36 800	156 800	(1)
Share issue	10 000	.....	.....	10 000	(1)
Profit for the year	.....	.....	19 300	19 300	(1)
Dividend paid	.....	.....	(7 000)	(7 000)	(1)
Transfer to general reserve	.....	5 000	(5 000)	–	(1)
On 31 March 2016	110 000	25 000	44 100	179 100	(1of)

[6]

Page 8	Mark Scheme	Syllabus	Paper
	Cambridge IGCSE – May/June 2016	0452	13

(d)

AC Industries Limited
Statement of Financial Position at 31 March 2016

	\$	
Non-current assets	189 800	(1of)
Current assets		
Inventory	17 800	(1)
Trade receivables	8 000	(1)
	25 800	
Total assets	215 600	
Equity and reserves (1)		
Ordinary share capital	110 000	}
General reserve	25 000	} (1of)
Retained earnings	44 100	}
	179 100	(1of)
Non-current liabilities (1)		
Bankloan	15 000	(1)
Current liabilities		
Trade payables	19 000	(1)
Bank overdraft	2 500	(1)
	21 500	
Total liabilities	215 600	

Accept alternative presentation

[10]

- (e)** To reduce the overdraft
 To fund an increase in inventory
 To purchase new non-current assets
 Growth/expansion
Any reasonable answer for (1) mark

[1]

Page 9	Mark Scheme	Syllabus	Paper
	Cambridge IGCSE – May/June 2016	0452	13

(f) Quick (acid test) ratio (1) [4]

$$\frac{8\,000\text{ (1)}}{21\,500\text{ (1of)}} = 0.37: 1\text{ (1of)}$$

(g) Liquidity is poor (1) [Max 4]

Both ratios appear low (1)

There is insufficient cash to meet current liabilities as they fall due (1)

Current assets do not exceed current liabilities (1)

There is already a bank overdraft (1)

Too high a proportion of current assets is made up of inventory (1)

Trade payables are much higher than trade receivables (1)

Overdraft facilities could be withdrawn at any time (1)

Relationship with credit suppliers could be damaged (1)

Award OF for comments linked to (d) and (f)

[Total: 30]

6 (a)

	\$	
Opening balance	6 100	(1)
Receipts (10 100 + 3550)	13 650	(1)
Payments (2800 + 3920 + 2400 + 2750 + 1880)	(13 750)	(1)
Closing balance	6 000	(1of)

[4]

(b)

Cambridge Club
Subscriptions account

2015		\$		2016		\$	
Apr 1	Balance b/d	200	(1)	Mar 31	Bank	10 100	(1)
2016					Balance c/d	100	
Mar 31	Income and expenditure account	10 000	(1of)				
		10 200				10 200	
2016							
Apr 1	Balance b/d	100	(1)				

+(1) for dates

[5]

Page 10	Mark Scheme	Syllabus	Paper
	Cambridge IGCSE – May/June 2016	0452	13

(c)

Cambridge Club
Calculation of shop profit for the year ended 31 March 2016

	\$	\$	
Sales		3 550	(1)
Opening inventory	710		*
Purchases 2800 (1)– 350 (1) + 510 (1)	2 960		
	3 670		
Closing inventory	<u>560</u>	<u>3 110</u>	*(1) both
Profit		440	(1of)

Accept alternative formats**[6]**

(d)

Cambridge Club
Income and Expenditure Account for the year ended 31 March 2016

	\$	\$	
Subscriptions		10 000	(1of)
Shop profit		<u>440</u>	(1of)
		10 440	
Less: expenditure			
Rent paid for sports ground	2 400		(1)
Wages of football coach	2 750		(1)
Other operating expenses	1 880		(1)
Depreciation on equipment (3 600 + 3 920 – 5 920)	<u>1 600</u>	<u>8 630</u>	
Surplus		<u>1 810</u>	(1of)

[8]

(e) Increase the selling price (1)
Buy cheaper goods (1)
Other valid points acceptable

[max 2]**[Total: 25]**