MATRICULATION AND SECONDARY EDUCATION CERTIFICATE EXAMINATIONS BOARD UNIVERSITY OF MALTA, MSIDA

SECONDARY EDUCATION CERTIFICATE LEVEL

MAY 2013 SESSION

SUBJECT:	Accounting	
PAPER NUMBER:	I	
DATE:	25 th April 2013	
TIME:	4:00 p.m. to 6:00 p.m.	

Answer ALL questions. Question 1-10 are multiple choice and carry 2 marks each. Questions 11-14 carry 20 marks each.

Write on the booklet the correct answer for each of the following.

- 1. The ledger entry in the discount allowed account is taken from
 - a) Trade discounts listed on invoices
 - b) Sales ledger
 - c) Cash book memorandum column
 - d) Journal.
- 2. A purchases ledger account has a credit balance. A payment of 95% in full settlement of the account requires the following discount account entry

	Debit	Credit
a)	Trade discount account	Purchases ledger
b)	Discount allowed account	Trade payable account
c)	Discount received account	Trade payable account
d)	Trade payable account	Discount received account.

3. The account of Premier Ltd has a debit balance in your sales ledger of €620 and a credit balance of €510 in your purchases ledger. A set of has been agreed. The entries in the control accounts should be

	Account debit	€	Account credit	€
a)	Trade payables control	110	Trade receivables control	110
b)	Trade payables control	510	Trade receivables control	510
c)	Trade receivables control	620	Trade payables control	620
d)	Bank	110	Premier Ltd	110

- **4.** Subscriptions paid in advance at the end of the financial year are
 - a) A revenue for the current year
 - b) An asset
 - c) A surplus for the year
 - d) A liability.
- 5. The liquid position of a business is unhealthy if
 - a) The profit for the year is lower than that of last year
 - b) The rate of stock turnover increases
 - c) The current liabilities exceed the current assets
 - d) The bank overdraft balance decreases.

- 6. The proprietor of a business has deposited €50,000 from personal funds and used €40,000 to buy new machinery. The increase in capital is
 - a) €10,000
 - b) €90,000
 - c) €40,000
 - d) €50,000.
- 7. During a year a business sells €240,000 and expenses are 15% of the gross profit. If 20% is added to the cost price of goods to arrive at the selling price, the net profit is
 - a) €7,200
 - b) €34,000
 - c) €40,800
 - d) €12,000.
- 8. Nina and Sina are partners in a business sharing profits and losses equally and their share of profit for the year was €9,500 each. Profits are shared after allowing for 5% interest on capital and paying Nina an annual salary of €12,000. Nina and Sina had invested €60,000 capital each. The net profit for the year is
 - a) €25,000
 - b) €19,000
 - c) €37,000
 - d) None of the above.
- **9.** An alternative expression for direct costs is
 - a) Prime cost
 - b) Production cost
 - c) Variable expenses
 - d) Overheads.
- **10.** The issued capital of a company is €150,000 made up of shares of 25c each. If the directors paid an ordinary dividend of 5c per share, the dividends paid that year would amount to
 - a) €37,500
 - b) €15,000
 - c) €7,500
 - d) €30,000.
- **11.** a) What is the difference between a ledger and a journal?

(2 marks)

b) List **four** books of original entry.

(2 marks)

c) What is the main purpose of the books of original entry?

(2 marks)

- d) Distinguish carefully between an income statement and a statement of financial position.
- e) Karmnu is in business selling loose furniture and household appliances. The loose furniture department occupies three quarters of the total business area, while the appliances section occupies the rest. The following information is available:

	Loose furniture	Household appliances
	€	€
Sales	200,000	150,000
Purchases	120,000	100,000
Inventories 1 January 2012	22,000	18,000
Inventories 31 December 2012	25,000	15,000
General expenses		16,000
Water & electricity		12,000
Rent		20,000
Wages		70,000

Wages are apportioned on the basis of the number of employees in each department. Karmnu employs seven workers, three of whom work in the loose furniture department, with the other four working in the appliances section. Rent and water and electricity are apportioned between the two departments in proportion to floor area, whereas general expenses are divided equally between the two departments.

Required

An income statement for the year ended 31 December 2012 showing the gross and net profit for each department.

- **12.** a) Distinguish between the allocation and apportionment of expenses giving **one** example in each case.
 - b) Name the elements of cost that make up the prime cost of production. (3 marks)
 - c) Distinguish between a receipts and payments account and an income and expenditure account. (2 marks)
 - d) What is the purpose of a bank reconciliation statement. (2 marks)
 - e) From the following information prepare the manufacturing account of Produce Ltd and calculate the gross profit.

	€
Sales	956,000
Opening inventory of finished goods	36,500
Closing inventory of finished goods	24,500
Wages: direct	228,500
: indirect	68,500
Depreciation of machinery	56,000
Rent expense	24,000
Opening inventory of raw materials	28,000
Closing inventory of raw materials	32,000
Purchases of raw materials	280,000
Power	17,000
Royalties	8,100
Carriage inwards on raw materials	5,900
Opening inventory of work in progress	14,500
Closing inventory of work in progress	12,500

(11 marks)

13. a) Distinguish between an allowance for trade receivables and an allowance for depreciation.

(2 marks)

- b) Name **three** methods of depreciation and illustrate how **each** method computes the depreciation charge for the year. (3 marks)
- c) Name and explain the accounting concept upon which the income statement is prepared.

2 marks)

d) What is the purpose of a suspense account?

(2 marks)

e) The statement of financial position of Homegrown Ltd at 31 March 2012 included the following:

	Cost	Depreciation
	€	€
Machinery	65,000	28,000

During the year ended 31 March 2013 the following transactions took place:

1 June 2012 An old machine bought on 1 January 2009 for €20,000 was sold for €3,000.

1 July 2012 The purchase of a new machine costing €30,000.

It is the policy of the company to provide a whole year's depreciation at the rate of 20% per annum using the straight-line method applied to the non-current assets held at the end of the financial year.

Required

i) The machinery account.

(3 marks)

ii) The allowance for depreciation account.

(4 marks)

iii) The asset disposal account.

(4

14. a) What is a partnership profit and loss appropriation account?

- (1 mark)
- b) Distinguish between capital and current accounts in the books of a partnership. (4 marks)
- c) Why does a company retain earnings?

(2 marks)

d) Distinguish between ordinary shares and debentures.

(4 marks)

e) Marble Ltd is a company with an issued share capital of 240,000 shares of €0.50 each. Over the years it has accumulated a retained earnings balance of €65,500. The profit before appropriation for the financial year ended 31 March 2013 was €28,000. The directors of the company declared a dividend of 12 %.

Required

i) The appropriation account.

(4 marks)

ii) The section of share capital and reserves in the statement of financial position.

(4 marks)

iii) Calculate the dividend per share.

(1 mark)

MATRICULATION AND SECONDARY EDUCATION CERTIFICATE EXAMINATIONS BOARD UNIVERSITY OF MALTA, MSIDA

SECONDARY EDUCATION CERTIFICATE LEVEL

MAY 2013 SESSION

SUBJECT: Accounting

PAPER NUMBER: IIA

DATE: 26th April 2013 TIME: 4:00 p.m. to 6:00 p.m.

Answer BOTH questions in Section A and ANY TWO questions from Section B.

SECTION A

1. Pina is the owner of a small business. At the end of the financial year she prepared the following trial balance which failed to agree. The double entry records had been checked and found correct but the trial balance listing has to be revised.

Trial Balance at 31 December 2012

	€	€
Bank overdraft	8,900	
Cash in hand	200	
Premises	130,000	
Equipment	50,000	
Allowance for depreciation of equipment 1 January 2012		20,000
Vehicles	35,000	
Allowance for depreciation of vehicles 1 January 2012		14,500
Purchases and sales	175,000	298,400
Carriage inwards	2,400	
Carriage outwards		1,600
Inventory 1 January 2012	17,400	
Salaries	44,400	
Discount received	2,800	
Discount allowed		2,750
Returns inwards	3,000	
Returns outwards	5,200	
Electricity and water	2,100	
Communication expenses	4,500	
General expenses	4,900	
Insurance	2,250	
Rent received	2,600	
Trade receivables and trade payables	33,800	22,500
Irrecoverable debts written off	700	
Specific allowances for trade receivables 1 January 2012	2,100	
Capital		140,000
Loan	20,000	
Drawings	27,000	
Trial balance difference		74,500
	574,250	574,250

Required

a) List the items that have been listed incorrectly in the above trial balance.

(4 marks)

Other information:

- The inventory of goods at 31 December 2012 was valued €19,500
- Trade receivables include a debt of €1,500 that is irrecoverable. It has not yet been written off. Furthermore, a specific allowance of €2,000 is required at the end of the financial year.
- On 31 December 2012 communication expenses of €500 and salaries of €600 were still unpaid.
- The receipts for rent are for thirteen months ending 31 January 2013.
- The insurance account includes an annual payment of €1,200 for the year ended 31 March 2013.
- A vehicle bought in 2009 for €10,000 was sold for €,000 cash. No accounting entries have been made for this transaction.
- Depreciation is provided at the rate of 20% on the book value of vehicles and 10% on the cost of equipment. Depreciation is provided on the assets held in the business at the end of the year.
- James had taken goods costing €500 for his own personal use and paid for a personal holiday of €1,500 out of business funds. No recordhad been made of the stock withdrawal but the personal holiday had been included as a general business expense.
- Loan interest at 5% has not been paid.

Required

b) The vehicles allowance for depreciation account.

(3 marks)

c) The vehicle disposal account.

(4 marks)

d) The income statement for the year ended 31 December 2012.

(11 marks)

e) Extracts from the statement of financial position on this date showing the value of **total** assets.

(8 marks) (Total 30 marks) 2. The Ride & Cycle Club does not keep a full set of accounting records. However, the treasurer managed to extract the following details from the records that are available:

Balances as at:	1 April 2012	31 March 2013
	€	€
Equipment	36,000	?
Allowance for equipment depreciation	12,000	?
Prepaid subscriptions	250	300
Accrued subscriptions	400	350
Water and electricity due	370	520
Prepaid rent	400	800
Bar inventory	7,600	7,850
Bar payables	5,500	5,100
Cash	100	100
Bank	1,250	?
Accumulated fund	?	?

A summary of receipts and payments for the year ended 31 March 2013 is as follows:

	€
Subscriptions	9,600
Proceeds from fund raising activities	5,200
Fund raising activities expenses	3,800
Payments for cycling events	1,300
General expenses	2,250
Bar takings	21,500
Payments for bar purchases	14,200
Bar wages	4,150
Rent	4,000
Insurance	980
Water and electricity	1,760
Purchase of new equipment	5,500

The following additional information is also available:

- It is the club's policy to write off any subscriptions that have been in arrears for more than one year. During the year three members who owed last year's subscription and failed to pay have been struck off the membership list. The annual subscription fee of €50 per annum has remained the same as that of last year.
- A full year's depreciation is to be charged on the net book value of the equipment at a rate of 10% per annum.

Required

a) The calculation of the accumulated fund at 1 April 2012.

(3 marks)

b) The receipts and payments account for the year.

(6 marks)

c) The subscriptions account.

(5 marks)

d) The bar income statement for the year ended 31 March 2013.

(5 marks)

e) An income and expenditure account for the year ended 31 March 2013 and a statement of financial position at that date.

(11 marks) (Total 30 marks)

SECTION B: Answer any TWO questions from this Section.

- **3.** Cikku is an inexperienced accounts executive. He has prepared a trial balance which failed to agree and a suspense account has been opened for this difference. After a lengthy investigation the following errors and omissions were found:
 - a) A credit note issued to a customer for €270 has been completely omitted from the books.
 - b) The total of the sales day book has been understated by €1,800.
 - c) Discounts received of €900 had been correctly entered in the purchases ledger but have been listed as discounts allowed in the cash book.
 - d) Cash withdrawn €1,500 at the end of the month by the owner has been posted to the salaries account.
 - e) Sales returns of €600 have been posted as purchases returns.
 - f) The opening inventory listed in the trial balance does not include items with a sales value of €1,600 although they had been correctly included inclosing inventory of the previous year. These goods are sold at 25% profit margin.
 - g) The receipt of commission €210 has been posted correctly in the cash book but it has been debited as €120 in the commission receivable account.

Required

i) The journal entries for errors (a) to (g) above (narratives are not required).

(15 marks)

ii) A suspense account showing the balance listed in the trial balance.

(5 marks) (Total 20 marks)

4. On 31 March 2013 the bank account in Anna's cash book showed a debit balance of €4,050. On the same date she received the bank statement but it had a different balance from that in the cash book.

After checking the cash book and the bank statement, the following discrepancies were discovered:

- Loan interest charges of €375 and the monthly loan repayment of €800 had not been entered in the cash book.
- Cheques and cash totalling €7,720 deposited into the bank by Anna had not been included in the bank statement.
- Cheques paid for expenses €810 and to trade payables €1,460 were not yet presented to the bank.
- A direct debit of €725 for water and electricity had not been entered in the cash book.
- A credit transfer of €500 shown in the bank statement from a customer had not been posted in the cash book.
- Bank charges of €120 had not been entered in the cash book.

Required

a) Anna's updated cash book at 31 March 2013.

(12 marks)

b) A bank reconciliation statement at 31 March 2013 showing the bank statement balance.

(8 marks) (Total 20 marks)

5. Roberta is a sole trader whose financial year ends on 31 December each year.

On 1 January 2012 the following balances appeared in her books:

	Dr	Cr
	€	€
Trade receivables	15,600	225
Trade payables	160	12,300
Allowance for trade receivables (doubtful debts)		390

During the year ended on 31 December 2012 the following transactions took place:

	€
Credit sales	168,800
Cash sales	52,200
Receipts from trade receivables	161,500
Discounts allowed	3,100
Returns inwards	1,120
Dishonoured cheques	880
Credit purchases	176,200
Payments to trade payables	174,480
Discounts received	2,415
Returns outwards	1,650
Irrecoverable (bad) debts	1,250
Increase in the allowance for trade receivables	110

Additional Information:

- A discount of €315 allowed to a customer was in error listed as discount received.
- A cash refund received from a supplier of €180 has been included with the payments to trade payables.
- An amount of €950 owing to a supplier was offset against an amount of €1,400 owed by him.
- The business applies a gross profit mark-up of 25% to arrive at the selling price.

Required

a) A trade receivables control account (sales ledger control account).

(8 marks)

b) A trade payables control account (purchases ledger control account).

(7 marks)

c) An allowance for trade receivables account.

(3 marks)

d) The calculation of gross profit.

(2 marks) (Total 20 marks)

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SECONDARY EDUCATION CERTIFICATE LEVEL

MAY 2013 SESSION

SUBJECT: Accounting

PAPER NUMBER: IIB

DATE: 26th April 2013 TIME: 4:00 p.m. to 6:00 p.m.

Answer BOTH questions in Section A and ANY FOUR questions from Section B.

SECTION A: Answer BOTH questions in this Section.

1. Peppina is the owner of a small business. At the end of the financial year she prepared the following trial balance.

Trial Balance at 31 December 2012

	€	€
Bank overdraft		8,900
Cash in hand	200	
Premises	130,000	
Equipment	50,000	
Allowance for depreciation of equipment 1 January 2012		20,000
Vehicles	35,000	
Allowance for depreciation of vehicles 1 January 2012		14,500
Purchases and sales	175,000	298,400
Carriage inwards	2,400	
Carriage outwards	1,600	
Inventory 1 January 2012	17,400	
Salaries	44,400	
Discount received		2,800
Discount allowed	2,750	
Returns inwards	3,000	
Returns outwards		5,200
Electricity and water	2,100	
Communication expenses	4,500	
General expenses	4,900	
Insurance	2,250	
Rent received		2,600
Trade receivables and trade payables	33,800	22,500
Irrecoverable (bad) debts written off	700	
Allowances for trade receivables 1 January 2012		2,100
Capital		140,000
Loan		20,000
Drawings	27,000	
	537,000	537,000

Other information:

- a) The inventory of goods at 31 December 2012 was valued €19,500.
- b) The allowance for trade receivables (doubtful debts) is to be increased to €3,000 at December 2012.
- c) On 31 December 2012 communication expenses of €500 were still unpaid and €250 of the insurance relates to a payment in advance.
- d) The receipts for rent are for thirteen months ending 31 January 2013.
- e) Depreciation is provided at the rate of 20% on the book value of vehicles and 10% on the cost of equipment. Depreciation is provided on the assets held in the business at the end of the year.
- f) Loan interest at 5% has not been paid.

Required

i) An income statement for the year ended 31 December 2012.

(12 marks)

ii) A statement of financial position on this date.

(8 marks) (Total 20 marks)

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2. The following information refers to the trade receivables and trade payables of Gorg Vella.

Balances	on 1 March 20.	13					
Trade receivables		€	Trade payables			€	
Rita Agius		480	Angela Zarb			280	
Pawlu Borg		350	Anton Sammut		190		
Marija Gatt		300					
			1,130			-	470
Sales during March 2013			Purchas	Purchases during March 2013			
			€				€
Mar 2	Rita Agius		650	Mar 3	Angela Zarb		520
Mar 4	Marija Gatt		300	Mar 6	Anton Sammut		450
Mar 7	Pawlu Borg		220				
Receipts and Payments during March 2013							
	Di	scount	Bank		Dis	count	Bank
		€	€			€	€
Mar 3	Rita Agius	24	456	Mar 2	Angela Zarb	14	266
Mar 7	Marija Gatt	15	285				

Required

a) Post the above transactions to the personal ledger accounts.

(10 marks)

b) The trade receivables (sales ledger) and the trade payables (purchases ledger) control accounts. $$^{(10\,marks)}$$

(Total 20 marks)

SECTION B: Answer ANY FOUR questions from this Section.

3. The following is a summary of the petty cash transactions of Sara Sant in the first fifteen days of March 2013:

			€
March	1	The receipt of the petty cash float	300
	2	Stationery	10
	3	Cleaning	18
	4	Transport	30
	7	Stationery	38
	8	Fuel for delivery van	50
	10	Cleaning	18
	12	Transport	30
	13	Postage	22
	14	Delivery van service	70

Required

Rule up a suitable petty cash book with analysis columns for expenditure on cleaning, postage and stationery, transport, motor expenses and enter the above transactions.

Enter the receipt of the amount necessary to restore the imprest and carry down the balance.

(Total 15 marks)

4. The following information relates to the business of Bertu Spiteri:

	2011	2012
	€	€
Sales	210,000	240,000
Gross profit	42,000	55,200
Net profit	16,800	20,400
Capital employed	150,000	160,000
Current assets	96,000	101,500
Current liabilities	48,000	58,000

Using the figures given above, calculate the following for 2011 and 2012.

i)	Cost of sales	(2 marks)
ii)	Total expenses	(2 marks)
iii)	Gross profit margin (%)	(3 marks)
iv)	Net profit margin (%)	(2 marks)
v)	Current ratio	(3 marks)
vi)	Return on capital employed (%).	(3 marks)
		(Total 15 marks)

- **5.** Vanni is an inexperienced junior accountant. He has drawn up a trial balance but it failed to agree. On further examination he finds the following:
 - i) The purchases returns journal has been overcast by €600.
 - ii) Sales returns €260 has been debited in the trade rœeivable account and credited in the sales returns account.
 - iii) A purchase of stationery €50 for personal use has been posted as a business expense.
 - iv) Payments to trade payables €1,100 have been correctly posted in the cash book but no other entry had been made.
 - v) Payments for wages €1,320 have been entered in thewages account as €1,230.

Required

a) The journal entries to correct the above errors (narrations are not required). (10 marks)

b) The suspense account showing the difference in the trial balance.

(5 marks) (Total 15 marks)

- **6**. The following information relates to the partnership of Salvina and Tereza:
 - Salvina and Tereza had agreed to share profits and losses 3:2 respectively.
 - Interest on capital is agreed at 6% per annum.
 - The net profit for the year ended 31 December 2012 was €48,000.

	Salvina	Tereza
	€	€
Capital 1 January 2012	80,000	50,000
Drawings during the year ended 31 December 2012	16,500	14,500
Salary per month	-	1,200
Current account balances: 1 January 2012	980Dr	4,520Cr

Required

a) An appropriation account for the year ended 31 December 2012. (6 marks)
b) The partners' current accounts. (9 marks)
(Total 15 marks)

- 7. On 31 March 2013 the bank balance in the cash book of Karmelina shows an overdraft of €810. On examining her bank statement she notices the following:
 - i) She has omitted bank charges of €30.
 - ii) A direct debit of €260 for the payment of waterand electricity expenses had not been included in the cash book.
 - iii) Deposits into the bank of €550 were not yet rœorded in the bank statement.
 - iv) A credit transfer from a customer of €170 was only recorded in the bank statement.
 - v) Cheques paid to suppliers €1,450 had not been pesented to the bank for payment.

Required

a) An up-dated cash book.

(8 marks)

b) A bank reconciliation statement at 31 March 2013.

(7 marks) (Total 15 marks)