## SECONDARY EDUCATION CERTIFICATE LEVEL 2018 MAIN SESSION

SUBJECT:
PAPER NUMBER:
DATE:
TIME:

Accounting
I
$10^{\text {th }}$ May 2018
4:00 p.m. to 6:05 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 purpose of accounting concepts is to:
a) prepare the ledger accounts on a double entry system.
b) provide a basic framework for the preparation of financial statements.
c) correct errors.
d) ensure that the totals of the statement of financial position agree.
2. A withdrawal of cash from the bank for business use has the following correct double entry:

Debit
a) Cash account
b) Drawings account
c) Bank account
d) Bank account

Credit
Bank account
Bank account
Cash account
Drawings account
3. The statement of financial position of Holly \& Benji shows a total assets value of $€ 220,000$, of which the non-current assets carrying value is $€ 150,000$. The total liabilities of $€ 65,000$ include current liabilities of $€ 35,000$. From these figures, it may be ascertained that Holly \& Benji's:
a) working capital was $€ 185,000$ and their capital employed was $€ 35,000$.
b) working capital was $€ 35,000$ and their capital employed was $€ 185,000$.
c) working capital was $€ 185,000$ and their capital employed was $€ 155,000$.
d) working capital was $€ 155,000$ and their capital employed was $€ 185,000$.
4. The proprietor of a business has paid for her personal water and electricity bill from the business bank account and in the calculation of profit it was treated as a business expense. Which accounting concept determines the correct accounting treatment?
a) Consistency concept.
b) Accruals concept.
c) Prudence concept.
d) Business entity concept.
5. When the totals of a trial balance disagree the difference is entered in:
a) a suspense account.
b) the journal.
c) a statement to correct net profit.
d) the capital account.
6. The partners in a business are entitled to a monthly salary. The correct double entry is:

Debit
a) Partners' current accounts
b) Partners' salaries accounts
c) Profit and loss appropriation account
d) Drawings account

Credit
Profit and loss appropriation account
Bank account
Partners' current accounts
Bank account
7. The All Souls Band Club paid $€ 4,250$ for printing and stationery in its first year of existence. At the end of the year, the club owed $€ 750$ for this item. In its statements for the first year, the club showed:
a) $€ 4,250$ in the income and expenditure account and $€ 5,000$ in the receipts and payments account.
b) $€ 5,000$ in the income and expenditure account and $€ 4,250$ in the receipts and payments account.
c) $€ 750$ in the income and expenditure account and $€ 5,000$ in the receipts and payments account.
d) $€ 5,000$ in the income and expenditure account and $€ 750$ in the receipts and payments account.
8. Which of the following is not a book of prime (original) entry?
a) Cash book.
b) Petty cash book.
c) Journal.
d) Sales ledger.
9. Which of the following equations is correct?
a) Share capital + debentures $=$ shareholders' funds.
b) Retained earnings + share premium $=$ shareholders' funds.
c) Share capital + reserves $=$ shareholders' funds.
d) Authorised share capital + issued share capital = shareholders' funds.
10. Julia marks up her goods by $25 \%$ on cost. Her sales for the year were $€ 200,000$ while her opening and closing inventory for the year were $€ 20,000$ and $€ 30,000$ respectively. From these figures it follows that her purchases for the same year were:
a) $€ 25,000$.
b) $€ 40,000$.
c) $€ 160,000$.
d) $€ 170,000$.
11. a) Which aspect of the financial statements is of main concern to the trade payables? Explain the reason for your answer.
b) Name and explain the accounting concept applied in the annual transfer to the statement of profit or loss to account for an increase or decrease in the allowance for trade receivables.
c) Distinguish between variable costs and fixed costs, giving ONE example of each cost classification.
d) The following bank statement was received by Josephine Scicluna:

|  |  |  | Debit | Credit | Balan |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2018 |  | $€$ | $€$ | $€$ |  |
| 1 | March | Balance |  |  | 50 | Cr |
| 8 | March | $\checkmark$ Valetta | 60 |  | ?? | ? |
| 21 | March | Credit transfer - C Ellul |  | 100 | ?? | ? |
| 27 | March | Standing order - loan interest | 70 |  | ?? | ? |
| 31 | March | Bank charges | 10 |  | ?? | ? |

Calculate each missing balance in the statement above, stating whether it is a debit or credit balance.
e) Prepare the manufacturing account for Cliff Dingli from the following list:

|  | $€$ |
| :--- | ---: |
| Purchase of raw materials | 600,000 |
| Opening inventory of raw materials | 65,000 |
| Closing inventory of raw materials | 70,000 |
| Carriage inwards on raw materials | 16,000 |
| Opening inventory of work in progress | 30,500 |
| Closing inventory of work in progress | 28,000 |
| Direct wages | 531,500 |
| Indirect wages | 206,500 |
| Rent of factory | 30,000 |
| Insurance of factory building and machinery | 15,500 |
| Fuel \& power | 56,250 |
| Royalties | 13,750 |
| General factory expenses | 11,750 |
| Repairs \& maintenance of factory machinery | 38,750 |
| Depreciation of factory machinery | 57,500 |

(Total: $\mathbf{2 0}$ marks)

Please turn the page.
12. a) Distinguish between the allocation and apportionment of expenses.
b) Give TWO reasons why a business would want to calculate the profit or loss of each of its different departments.
c) The trial balance shows a credit VAT balance. Explain how a credit balance arises and state where the VAT credit balance is entered in the financial statements.
d) Which accounting concept determines the different accounting treatment for revenue expenditure and capital expenditure? Explain the reasons for your answer.
e) The following are extracts from the statements of financial position of Laura's business as at 31 December 2016 and 2017:

| 2016 | 2017 |
| :---: | :---: |
| $€$ | $€$ |

Current Assets
Insurance prepaid
1,100 900
Accrued rent receivable
3,000
Current Liabilities

| Accrued wages | 1,400 | 1,600 |
| :--- | :---: | :---: |
| Prepaid rent receivable | - | 1,500 |

The following is an extract from the summarised Cash Book (Bank columns only) of Laura for the year ended 31 December 2017:

|  | Debit | Credit |  |
| :--- | :---: | :--- | :---: |
|  | $€$ |  | $€$ |
| Rent received | 22,500 | Wages | 17,800 |
|  |  | Insurance | 3,200 |

Prepare:
i) The wages account.
ii) The insurance account.
iii) The rent receivable account.
(Total: $\mathbf{2 0}$ marks)
13. a) What is a sales ledger control account and what is its purpose?
b) Invoices issued, credit notes received, cheque counterfoils and an invoice for the purchase of a machine are source documents used to complete the books of original entry. For each of these documents, state the book for which the document is the source document.
c) How does the money measurement concept effect the preparation of the financial statements?
d) Which accounting profitability ratio provides the best evaluation of performance? Explain why.
e) Jean started a business on 1 April 2017 but he kept very limited accounting records. He was able to provide you with the following information:

- A summary of the bank transactions for the year ended 31 March 2018 includes the following receipts and payments:

|  | $€$ |
| :--- | ---: |
| Receipts from trade receivables | 119,000 |
| Payments to trade payables | 88,000 |

- In addition to the credit sales, Jean had a few cash customers. The cash received was not deposited into the bank but instead it was used to pay a part time assistant wages of $€ 100$ weekly and personal drawings of $€ 1,200$ monthly.
A cash float of $€ 500$ was in the business at 31 March 2018.
- Other balances at 31 March 2018:

|  | $€$ |
| :--- | ---: |
| Inventory | 18,000 |
| Trade receivables | 13,200 |
| Trade payables | 8,800 |

Prepare:
i) The trade receivables control account.
ii) The trade payables control account.
iii) The cash account.
iv) The statement of profit or loss for the first year in business showing only the measure of gross profit.
14. Study the following statement of financial position extract and then answer the questions below.

Statement of financial position of Come plc as at 31 March 2018
$€$
Issued share capital
€2 ordinary share capital 600,000
Share premium 150,000
Retained earnings

| 350,000 |
| ---: |
| $1,100,000$ |
| 400,000 |
| $1,500,000$ |

Note: Half of the shares were issued at a premium and paid in full. The current market value of an ordinary share is $€ 5.50$.
a) i) Calculate the annual interest that is payable to the debenture holders.
ii) Calculate the number of ordinary shares issued by the company to date.
b) i) A dividend of $€ 0.30$ per share was paid. Calculate the total dividend paid.
ii) Distinguish between the nominal value and market value of shares.
c) Mention TWO advantages of limited liability companies in contrast to unlimited liability business organisations.
d) i) What was the price paid for each share issued at a premium?
ii) What is the total amount of shareholders' funds?
e) Amber and Bella are in partnership. Their Partnership Deed provides for: Interest on capital at 5\% per year. Salary to be paid to Bella of $€ 700$ per month.
Any remaining profit or loss to be shared equally. Their books showed the following:

Capital accounts (1 January 2017)
Current accounts (1 January 2017) Cash drawings during 2017

| Amber | Bella |
| :---: | :---: |
| $€$ | $€$ |

120,000 90,000
800 Dr 300 Cr
17,500 30,000

Bella introduced $€ 10,000$ additional capital on 1 July 2017.
During the year Amber took $€ 3,875$ worth of goods for personal use from the business. On 31 December 2017 their accounts showed a net profit for the year of $€ 51,500$.

Prepare:
i) The appropriation account for the year ended 31 December 2017.
ii) The partners' current accounts.

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SUBJECT: Accounting
PAPER NUMBER: IIA
DATE: 114 May 2018
TIME: 4:00 p.m. to 6:05 p.m.
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Answer BOTH questions in Section A and any TWO questions from Section B.

## SECTION A:

Answer BOTH questions in this section. This section carries $\mathbf{6 0}$ marks.

1. The following trial balance was extracted from the ledger accounts of Maria Young on 31 March 2018, the end of the business's financial year:

|  | $€$ | $€$ |
| :---: | :---: | :---: |
| Capital |  | 295,000 |
| Drawings | 37,500 |  |
| Trade receivables | 42,000 |  |
| Trade payables |  | 35,500 |
| Cash at bank | 8,250 |  |
| Buildings | 260,000 |  |
| Allowance for buildings depreciation 1/04/2017 |  | 30,000 |
| Equipment | 85,000 |  |
| Allowance for equipment depreciation 1/04/2017 |  | 8,500 |
| Motor vehicles | 38,000 |  |
| Allowance for vehicles depreciation 1/04/2017 |  | 14,400 |
| 5\% Loan |  | 50,000 |
| Inventory 1/04/2017 | 32,450 |  |
| Allowance for doubtful debts 1/04/2017 |  | 3,200 |
| Carriage on purchases | 8,400 |  |
| Returns | 5,100 | 3,500 |
| Carriage on sales | 1,650 |  |
| Purchases \& sales | 387,100 | 535,500 |
| Wages \& salaries | 55,000 |  |
| Irrecoverable debts | 2,100 |  |
| Rent received |  | 10,000 |
| Insurance | 4,250 |  |
| Water \& electricity | 6,450 |  |
| Interest on loan | 1,250 |  |
| Discounts | 2,300 | 3,100 |
| General administrative expenses | 3,250 |  |
| Communication expenses | 5,250 |  |
| Delivery expenses | 3,400 |  |
|  | 988,700 | 988,700 |

This question continues on next page.

At the end of the financial year the following information has been provided by Maria:
i) Closing inventory had a value of $€ 36,500$.
ii) The interest on loan is payable every six months. The payment for the six months ended 31 March 2018 is still due.
iii) The business receives rents of $€ 1,000$ monthly.
iv) Records show that 175 overtime hours remunerated at $€ 9$ per hour were not included in the trial balance as payment will be made in April.
v) The insurance payments include an annual payment of $€ 1,200$ for the year ending 30 June 2018.
vi) The allowance for doubtful debts at 1 April 2017 was for a specific customer who has been declared bankrupt during this year. No accounting entries have been made. Moreover, in the year-end list of trade receivables an account of $€ 2,400$ was identified as unlikely to be collected.
vii) On 31 March 2018 administrative expenses of $€ 1,800$ were still unpaid and a payment of $€ 600$ which is included in the trial balance relates to a payment in advance.
viii) The business provides a full year depreciation on the assets held at the end of the year as follows:

| Buildings | $2 \%$ straight line method |
| :--- | :--- |
| Motor vehicles | $20 \%$ reducing balance method |
| Equipment | $10 \%$ straight line method |

## Required:

a) The statement of profit or loss for the year ended 31 March 2018.
b) The statement of financial position as at 31 March 2018.
(Total: $\mathbf{3 0}$ marks)
2. The draft financial statements of Tina Tanti for the year ending 31 March 2018 failed to agree. A suspense account has therefore been opened, and subsequently the following errors and omissions were discovered which, when corrected, eliminated the balance on the suspense account.
i) Invoices received from credit suppliers $€ 950$ were correctly entered in the purchases ledger but incorrectly posted to the sales journal.
ii) An amount of $€ 600$ received from commissions was credited in the bank account
iii) Discount of $€ 400$ allowed to a credit customer had been correctly posted in the receivable account, but it was included in the cash book with the discounts received.
iv) Goods withdrawn by the proprietor for personal use $€ 850$ were only recorded in the drawings account.
v) The sales returns day book had an undercast of $€ 200$.
vi) A cash sale of $€ 110$ was credited in the trade receivables account.

It was also noted that machinery costing $€ 12,000$ which had been acquired in April 2014 was sold in April 2017 for $€ 1,600$ cash. It is the policy of the business to charge $40 \%$ depreciation per annum using the reducing balance method, charging a full year depreciation in the year of purchase and nothing in the year of sale. After the preparation of the financial statements it was realised that no accounting entries were made to record the disposal of the asset and in error the machinery account balance included this machine.

## Required:

a) Journal entries to correct errors (i) to (vi) (narratives are not required).
b) A suspense account showing the difference in the trial balance.
c) The disposal of machinery account.
d) A statement to correct net profit for the year, starting from a draft profit of $€ 37,000$.
(Total: 30 marks)

## SECTION B:

## Answer any TWO questions. This section carries 40 marks.

3. The cash book of All Colours Ltd showed a balance of $€ 870$ at the bank on 31 March 2018 while the bank statement showed $€ 741$ on the same date. On investigation you find that:
i) A standing order for a journal subscription of $€ 120$ had been paid by the bank on 30 March 2018 but no entry had been made in the cash book.
ii) Cheques from customers amounting to $€ 547$ which were entered in the cash book on 31 March 2018, were not credited by the bank until the following day.
iii) Cheques for $€ 910$ sent to trade payables on 31 March 2018 and entered in the cash book were not paid by the bank until 7 April 2018.
iv) A cheque of $€ 550$ received from a trade receivable was returned by the bank due to the customer's insufficient funds. The bank debited All Colour's account but no entry was made in the company's books.
v) On 30 March 2018, a credit transfer of $€ 225$ in settlement of the balance in a customer's account was received by the bank but no entry was made in the books of All Colours Ltd.
vi) Bank charges of $€ 35$ had not been entered in the cash book.
vii) On 23 March 2018, a cheque for $€ 228$ was received from a customer in settlement of an invoice for $€ 240$. An entry of $€ 240$ was made in the cash book.

## Required:

a) An up-dated cash book showing the new bank balance on 31 March 2018.
b) A statement to reconcile the difference between the new up-to-date balance in the cash book and the balance in the bank statement on 31 March 2018.
(Total: 20 marks)
4. The following list of balances and results has been taken from the financial statements of James Yankee at 31 December 2017:

|  | $€$ |
| :--- | ---: |
| Sales | 450,000 |
| Gross Profit | 81,000 |
| Net Profit | 40,500 |
| Net non-current assets | 37,000 |
| Inventory at 31 December 2017 | 35,000 |
| Trade receivables | 38,000 |
| Trade payables | 45,000 |
| Bank overdraft | 5,000 |
| Cash in hand | 2,000 |
| $6 \%$ Loan | 30,000 |
| Capital | 132,000 |

The following are the most recent industry averages published by the trade association.
Gross profit margin $\quad 25.0 \%$

Net profit margin 12.0\%
Return on capital employed 19.0\%
Current ratio
2.1:1

Quick (acid test) ratio
1.6:1

## Required:

a) Calculate the following ratios for the business of James Yankee:
i) Gross profit margin;
ii) Net profit margin;
iii) Return on capital employed;
iv) Current ratio;
v) Quick asset ratio.
b) Evaluate the performance and the liquidity position of James Yankee's business and suggest ONE possible reason for the difference between the business's ratios and the industry averages.
(Total: 20 marks)
5. The Active Aging Social 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 January 2017 | 31 December 2017 |
| :--- | ---: | ---: |
| Equipment at net book value | $€$ | 17,000 |
| Prepaid subscriptions | 19,500 | 200 |
| Accrued subscriptions | 300 | 1,200 |
| Accrued electricity expenses | 900 | 490 |
| Prepaid insurance | 420 | 320 |
| Bar inventory | 260 | 1,350 |
| Bar payables | 1,200 | 1,400 |

A summary of the receipts and payments for the year ended 31 December 2017 is as follows:

Subscriptions 13,900
General club expenses 8,250
Bar takings 12,600
Payments to bar creditors 9,400
Rent 4,000
Insurance 810
Electricity 930
Net receipts from social activities 1,850

The following additional information is also available:
i) It is the club's policy to write off any subscriptions that have been in arrears for more than one year. During the year four members who owed last year's subscription have been struck off the membership list. The annual subscription fee of $€ 100$ has remained the same as that of last year.
ii) The club did not buy or sell equipment during the year.

## Required:

a) The subscriptions account for the year ended 31 December 2017.
b) The bar trading account for the year ended 31 December 2017.
c) The income and expenditure account for the year ended 31 December 2017.

| SUBJECT: | Accounting |
| :--- | :--- |
| PAPER NUMBER: | IIB |
| DATE: | $11^{\text {th }}$ May 2018 |
| TIME: | $4: 00$ p.m. to $6: 05$ p.m. |

Answer BOTH questions in Section $A$ and any FOUR questions from Section $B$.

## SECTION A:

Answer BOTH questions in this section. This section carries 40 marks.

1. Peter Spiteri is a sole trader. He managed to extract the following trial balance from the ledger as at $31^{\text {st }}$ March 2018:

|  | $€$ | $€$ |
| :---: | :---: | :---: |
| Capital |  | 77,000 |
| Delivery vans at cost | 23,700 |  |
| Office equipment at cost | 13,200 |  |
| Allowance for depreciation as at $1^{\text {st }}$ April 2017: Vans |  | 5,000 |
| Allowance for depreciation as at $1^{\text {st }}$ April 2017: Equipment |  | 2,000 |
| Purchases | 87,600 |  |
| Sales |  | 153,300 |
| Drawings | 22,200 |  |
| Administrative expenses | 7,600 |  |
| Distribution expenses | 9,220 |  |
| Wages and salaries | 20,000 |  |
| Van repairs and maintenance | 3,500 |  |
| Trade receivables | 36,100 |  |
| Trade payables |  | 19,300 |
| Inventory as at $1^{\text {st }}$ April 2017 | 23,000 |  |
| Bank | 10,480 |  |
|  | 256,600 | 256,600 |

The following information is also available as at $31^{\text {st }}$ March 2018:
i) Inventory as at $31^{\text {st }}$ March 2018 was valued at $€ 24,500$.
ii) Employees worked 150 overtime hours at $€ 9$ per hour during March 2018. The overtime has not been accounted for as it will be paid in April 2018.
iii) The cost of $€ 700$ for a new laptop was debited to administrative expenses.
iv) Van repairs and maintenance costs include a $€ 1,800$ premium paid on a maintenance agreement covering the period $1^{\text {st }}$ April 2017 to $30^{\text {th }}$ September 2018.
v) An amount of $€ 600$ due from a trade receivable is to be written off as an irrecoverable debt.
vi) An allowance for doubtful debts of $€ 500$ is to be created.
vii) Depreciation is to be charged on delivery vans at $20 \%$ per annum on cost and on office equipment at $10 \%$ per annum on cost.

## Required:

a) The statement of profit or loss for the year ended $31^{\text {st }}$ March 2018.
b) The statement of financial position as at that date.
2. On preparing the trial balance Jennifer noted that it failed to agree. She entered the difference in a suspense account and after checking the accounts she found the following errors:
i) Purchases of goods from S Mangion $€ 380$ were posted to the personal account as $€ 80$.
ii) The purchases day book was overcast by $€ 25$.
iii) Discount of $€ 34$ allowed to D Palmier was entered on the debit side of the personal account.
iv) A credit sale of $€ 96$ was incorrectly entered as $€ 69$ in the accounts.
v) Sales returns of $€ 120$ were debited in the returns outwards account.
vi) $€ 20$ received from C Cachia was credited in error in C Cauchi's account.

## Required:

a) Prepare the journal entries to correct the above errors (narrations are not required).
b) The suspense account showing the difference in the trial balance.
(Total: $\mathbf{2 0}$ marks)

## SECTION B:

Answer any FOUR questions from this section. This section carries 60 marks.
3. Ramon has a car hire garage. On $1^{\text {st }}$ January 2014 , he bought a car costing $€ 15,200$ on credit from New Cars Ltd. This car was depreciated using the reducing balance method at the rate of $20 \%$ per annum. He disposed of it on $1^{\text {st }}$ January 2017 for $€ 7,000$ cash and on the same date he bought another car for $€ 18,600$ paying by cheque.

## Required:

a) The motor car account for the four years 2014 to 2017.
b) The motor car allowance for depreciation account for the four years 2014 to 2017.
c) The motor car disposal account.
d) Show how the motor car would be shown in the statement of financial position at $31^{\text {st }}$ December 2017.
4. The following are some of the balances which appear in the books of Kate Meilaq on $1^{\text {st }}$ January 2018:

|  |  | C |
| :--- | :--- | ---: |
| Cash Book (Debit bank balance) |  | 5,500 |
| Purchases Ledger | J Borg | 900 |
|  | R Mangion | 420 |
| Sales Ledger | R Bonnici | 160 |
|  | D Privitelli | 940 |
| General Ledger | Sales | 15,000 |
|  | Purchases | 8,350 |
|  | Returns outwards | 400 |

During the month of January 2018 the following transactions took place:

| January | 6 Received cheque from R Bonnici in settlement of amount outstanding on <br> $1^{\text {st }}$ January 2018. <br> 7 Sent cheque in settlement of J Borg's account less $3 \%$ cash discount. <br> 9 Sold goods on credit to R Bonnici list price $€ 1,000$ less $20 \%$ trade discount. <br> 12 Purchased goods on credit from R Mangion list price $€ 3,200$ less $25 \%$ trade <br> discount. <br> 14 Sold goods on credit to D Privitelli $€ 600$. <br> 15 Returned goods to R Mangion list price $€ 200$ on which $25 \%$ trade discount had <br> been deducted. <br> 24 Sold goods on credit $€ 1,600$ to R Mangion. An account for R Mangion was <br> opened in the sales ledger for this transaction. <br> 30 R Mangion's account in the sales ledger was set off against his account in the <br> purchases ledger. $\mathbf{l}$ |
| :--- | :--- |

## Required:

a) Open the ledger accounts in the books of Kate Meilaq on $1^{\text {st }}$ January 2018.
b) Enter the transactions for the month of January 2018 in the ledger accounts.
c) Balance the accounts in the sales and purchases ledgers at $30^{\text {th }}$ January 2018.
(Total: 15 marks)

Please turn the page.
5. Shown below is the cash book summary (bank columns only) of Mandy Portelli for the month of February 2018:

## Cash Book

| $\mathbf{2 0 1 8}$ |  | $\mathbf{C}$ | $\mathbf{2 0 1 8}$ |  | C |
| :--- | :--- | ---: | :--- | :--- | ---: |
| Feb 1 | Balance b/d | 7,600 | Feb 7 | Water and Electricity | 400 |
| Feb 5 | P Tabone | 800 | Feb 12 | Stationery | 60 |
| Feb 25 | A Borg | 560 | Feb 15 | Salaries | 4,800 |
|  |  |  | Feb 20 | F Falzon | 940 |
|  |  |  | Feb 26 | D Camilleri Borg | 600 |
|  |  |  | Feb 28 | Balance c/d | 2,160 |
|  |  | $\underline{\mathbf{8 , 9 6 0}}$ |  |  | $\underline{\mathbf{8 , 9 6 0}}$ |

Bank Statement

| $\mathbf{2 0 1 8}$ |  | Debit <br> C | Credit <br> C | Balance <br> c |
| :--- | :--- | ---: | ---: | ---: |
| Feb 1 | Balance b/f |  |  | 7,600 |
| Feb 7 | Cheque |  |  | 800 |
| Feb 10 | Cheque (water and electricity) | 400 |  | 8,400 |
| Feb 14 | Cheque (stationery) | 60 |  | 8,000 |
| Feb 18 | Cheque (salaries) | 4,800 |  | 7,940 |
| Feb 22 | F Falzon | 940 |  | 3,140 |
| Feb 25 | Standing Order: Advertising Ltd | 50 |  | 2,200 |
| Feb 26 | A Cassar credit transfer |  | 125 |  |
| Feb 28 | Bank charges | 12 |  | $?$ |

## Required:

a) Update the cash book as at $28^{\text {th }}$ February 2018.
b) Calculate the missing bank balance in the bank statement as on $28^{\text {th }}$ February 2018.
c) Prepare a bank reconciliation statement for the month of February 2018.
6. Poppy Debono manages a traditional retail shop which she split into two departments: stationery and sweets. The floor area occupied for stationery and sweets is in the ratio 2:3.

Information for the year ended $31^{\text {st }}$ December 2017 is given below:

|  | Stationery <br> C | Sweets <br> C |
| :--- | ---: | ---: |
| Inventory $1^{\text {st }}$ January | 1,800 | 4,200 |
| Purchases | 35,200 | 48,800 |
| Sales | 45,000 | 75,000 |
| Inventory $31^{\text {st }}$ December | 1,000 | 3,000 |
| Salaries | 4,350 | 4,700 |

i) Rent payments during the year for eighteen months to $30^{\text {th }}$ June 2018 were $€ 4,500$.
ii) Water and electricity paid during the year amounted to $€ 2,000$ and $€ 400$ accrued.
iii) Expenses for advertising on periodicals and billboards incurred during the year amounted to € 3,200 .

Rent and water and electricity are apportioned between the departments on the basis of floor area, whilst advertising expenses are divided using the ratio of sales.

## Required:

a) The statement of profit or loss for the year ended $31^{\text {st }}$ December 2017 showing the gross profit and net profit for each department (totals are not required).
b) Calculate the following ratios for each department and for the business as a whole:

- Gross profit mark up.
- Net profit margin.

7. Dance With Me Social Club has prepared the following Receipts and Payment account for the year ended $31^{\text {st }}$ December 2017:

Receipts and Payments Account

| $\mathbf{2 0 1 7}$ |  | $\mathbf{C}$ | $\mathbf{2 0 1 7}$ |  | C |
| :--- | :--- | ---: | ---: | :--- | ---: |
| Jan 1 | Balance b/d | 620 |  | Bar Wages | 6,400 |
|  | Subscriptions | 5,600 |  | Wages for security | 1,200 |
|  | Donations | 700 |  | Rent | 450 |
|  | Fund raising activities | 365 |  | Communication | 250 |
|  | Bar sales | 9,850 |  | Water \& Electricity | 980 |
|  |  |  |  | Dance expense | 575 |
|  |  |  |  | Maintenance | 365 |
|  |  |  |  | Bar purchases | 6,400 |
|  |  |  | Dec 31 | Balance c/d | 515 |
|  |  | $\underline{\mathbf{1 7 , 1 3 5}}$ |  |  | $\underline{\mathbf{1 7 , 1 3 5}}$ |

The following information was also recorded by the treasurer of the club:
i) Subscriptions received during the year included $€ 280$ which were in arrears from 2016, and $€ 160$ were paid in advance for the year 2018.
ii) There were $€ 60$ prepaid subscriptions on $1^{\text {st }}$ January 2017.
iii) On $31^{\text {st }}$ December 2017, $€ 65$ subscriptions for the year were still unpaid.
iv) The bar inventory at $31^{\text {st }}$ December 2017 was $€ 1,330$. There had been no bar inventory at the beginning of the period. All bar purchases were made on cash basis terms.

## Required:

a) The subscriptions account.
b) The bar trading and profit and loss account showing any profit or loss.
c) The income and expenditure account for 2017.
(Total: $\mathbf{1 5}$ marks)

