SUBJECT:
PAPER NUMBER:
DATE:
TIME:

```
Accounting
I
2nd June 2021
4:00 p.m. to 6:05 p.m.
```

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

## For questions 1 to 10, copy the following table on your booklet and insert the letter that best describes the correct answer in the row below the question number.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |

1. The reason why suppliers would ask for accounting information about your business is that they:
a) are required by law to do so.
b) would want to check the liquidity of your business.
c) would want to know whether you are using the double entry system.
d) would want to know whether or not to invest their money in your business.
2. The ledger is a book:
a) of accounts.
b) of original entry.
c) that explains the accounting concepts.
d) in which only cash payments and receipts are recorded.
3. Capital expenditure is:
a) the extra capital paid in by the owner.
b) money spent on selling non-current assets.
c) the costs of running the business on a day-to-day basis.
d) money spent on purchasing non-current assets or adding value to them.
4. With regard to non-current assets, the prudence concept states that:
a) the rate and method of depreciation should not be changed every year.
b) non-current assets are shown at cost price so they should not be depreciated.
c) depreciation consists of the value of the non-current assets used up in a particular period.
d) depreciation should be such that non-current assets are not overstated.
5. An allowance for trade receivables (doubtful debts) is created:
a) to write off irrecoverable debts.
b) when trade receivables become bankrupt.
c) to provide for possible irrecoverable debts.
d) when trade receivables cease to be in business.
6. At the end of the financial year, the credit balance in the recovered debts (bad debts recovered) account is transferred to:
a) the statement of financial position.
b) the statement of profit or loss.
c) allowance for trade receivables account.
d) both $B$ and $C$ are correct.
7. Kelinu started a business with $€ 10,000$ in cash and a vehicle worth $€ 5,000$. At the end of his first year in business, he has $€ 2,000$ in the bank and the vehicle is now worth $€ 4,000$. He has inventories valued at $€ 5,000$ and trade receivables amounting to $€ 2,000$. If he has withdrawn $€ 2,000$ from the business during the year for private expenses, he has made:
a) neither a profit nor a loss.
b) a profit of $€ 4,000$.
c) a loss of $€ 4,000$.
d) a loss of $€ 2,000$.
8. The apportionment of cost is applied when the overhead cost is related to:
a) different departments.
b) specific departments.
c) different ledgers.
d) specific ledgers.
9. Which of the following expenses is classified as a variable cost?
a) heating and lighting expenses.
b) production direct wages.
c) insurance expenses.
d) both A and B are correct.
10. Accounting ratios are calculated:
a) to check the arithmetical accuracy of the double entry system.
b) to calculate the net profit when there are incomplete records.
c) so that useful comparisons can be made.
d) because they are required by law.
(Total: 20 marks)
11. Connie Vidal cannot understand why her accountant is asking her to record the value of the goods that she takes from the business of which she is the sole owner. In Connie's opinion, these are her goods and she can take as much as she wants without having to account to anyone.
a) State the accounting term for goods taken by the owner from the business.
b) i) State the accounting concept that the accountant should explain to Connie as to why goods taken by the owner from the business are to be recorded.
ii) Briefly explain the accounting concept you stated in b) (i), above, and illustrate by means of another example when this concept should be used.
c) Explain what accounting concepts are.
d) In which book of original entry should goods taken by the owner from the business be recorded? Show the entry that should be made in this book if Connie takes $€ 1,000$ worth of goods from her business.
e) As at $1^{\text {st }}$ April 2021, the trial balance of Connie Vidal included the following debit balances of her trade receivables: D. Vella $€ 2,500 ;$ R. Sant $€ 780$; P. Mifsud $€ 1,000$. Connie Vidal had the following transactions for the month of April 2021:
02 Credit sales to: D. Vella $€ 3,300$; L. Scicluna $€ 2,450$.
08 Sent invoices (amounts net of trade discount) to: J. Schembri $€ 1,900$.
16 Returns inwards from: J. Schembri $€ 220$.
20 Credit sales to: P. Mifsud $€ 1,150$.
27 Sent credit note for returns to: L. Scicluna €870.
30 Received payment by cheque for full settlement of the balances at 1 April 2021.

## Required:

i) Record the balances on 1 April 2021 and post the transactions above in the Sales Ledger of Connie Vidal;
ii) Balance the accounts in the sales ledger as at 30 April 2021;
iii) How much was Connie owed by her accounts receivable as at 30 April 2021? Under which sub-heading would this figure be shown in the statement of financial position?
(Total: 20 marks)
12. Besides not understanding why she has to account for goods that she takes from her own business, Connie Vidal also does not understand why her accountant keeps asking her for information about the period for which a bill was paid or receipts were received. In Connie's opinion, an expense paid during a particular year should be shown in the Statement of Profit or Loss according to how much was paid during that year.
a) i) State the accounting concept that the accountant should explain to Connie as to why she keeps asking her for information about the period for which a bill was paid or receipts were received.
ii) Briefly explain the accounting concept you stated in (a) (i), above.
b) Where in the current asset sequence are prepaid expenses placed?
c) Explain the accounting treatment of prepaid rent receivable.
d) Show how the concept you stated in (a), above, is applied to the need to allow for depreciation of non-current assets.
e) The following information for the financial year ended 31 December 2020 related to the business of Connie Vidal:

- A loan of $€ 50,000$ was received on 1 April 2020. Annual interest of $5 \%$ on the total amount borrowed is paid half-yearly on 30 September and 31 March.
- The business receives rent, quarterly in arrears on 1 January, 1 April, 1 July and 1 October. The rent for 2020 was $€ 1,400$ monthly.
- Insurance was prepaid by $€ 1,200$ on 1 January 2020. During the year, insurance payments amounted to $€ 15,000$. These payments are the annual premium for the year ending 31 January 2021.

This question continues on next page.

- As at 1 January 2020, the bill for water \& electricity for the last two months of 2019 had not yet been paid. This amounted to $€ 850$. It was paid during 2020, when the total payments for water \& electricity was $€ 5,500$. In the same way, as at 1 January 2021, the bill for the last two months of 2020 , which amounted to $€ 1,050$, was paid during 2021.
For each of the above, you are required to calculate:
i) the amount accrued or prepaid as at 31 December 2020;
ii) the amount to be transferred to Profit or Loss.

You may copy the following table and write your answers in it. However, you are also to show your workings for each.

|  | Note (Working) | (i) Amount <br> prepaid/accrued | (ii) Transfer to <br> Profit or Loss |
| :--- | :---: | :---: | :---: |
|  | $€$ | $€$ |  |
| Loan interest |  |  |  |
| Rent receivable |  |  |  |
| Insurance |  |  |  |
| Water \& electricity |  |  |  |

(Total: 20 marks)
13. The business of Carl Marks grew exponentially during 2020 when he started selling online, accepting credit and making deliveries during the lockdown. His accountant warned him that he would now need to keep more books than just one ledger to record all these transactions.
a) Name TWO Day Books that Carl could start using.
b) For each of the Day Books you named in (a), above, name a source document required to complete the Day Book.
c) Carl's accountant divided his ledger into three ledgers, being the general ledger, the sales ledger and the purchases ledger.
i) Give TWO examples of accounts that might be included in Carl's general ledger.
ii) Which type or class of accounts would be included in Carl's purchases ledger?
d) Briefly describe THREE advantages of maintaining books of original entry.
e) On 30 April 2021 the bank balance in the cash book of Carl Marks showed a debit balance of $€ 540$. On examining the bank statement, he noticed the following:
i) Bank charges of $€ 280$ were not recorded in the cash book;
ii) Cheques paid to Rosa and Aurelia $€ 810$ and $€ 270$ respectively had not been presented to the bank for payment;
iii) A bank transfer of $€ 460$ for the payment of insurance had not been included in the cash book;
iv) Deposits into the bank of $€ 1,800$ were not yet recorded in the bank statement;
v) A credit transfer of $€ 930$ from a trade receivable was only recorded in the bank statement.

## Required:

i) An updated cash book at 30 April 2021;
ii) A bank reconciliation statement as at 30 April 2021 calculating the balance in the bank statement.
14. The following are the summarised Statements of Financial Position for the businesses of Connie Vidal and of Carl Marks as at 31 December 2020. Study these statements, then answer questions (a) to (e), below.

|  | Connie Vidal |  | Carl Marks |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| ASSETS | $€$ | $€$ | $€$ | $€$ |  |
| Non-current assets at NBV |  | 100,000 |  |  | 140,000 |
| Current assets |  | $\underline{50,000}$ |  |  | $\underline{70,000}$ |
| Total assets |  | $\underline{150,000}$ |  | $\underline{210,000}$ |  |
| CAPITAL \& LIABILITIES |  |  |  |  |  |
| Opening balance of capital | 100,000 |  | 120,000 |  |  |
| Add Net profit | 40,000 |  | 40,000 |  |  |
| Less Drawings | $\underline{65,000}$ |  | $\underline{25,000}$ |  |  |
| Closing balance of capital |  | 75,000 |  | 135,000 |  |
| Non-current liabilities |  | 50,000 |  | 40,000 |  |
| Current liabilities | $\underline{25,000}$ |  | $\underline{\underline{35}, 000}$ |  |  |
| Total capital \& liabilities |  | $\underline{150,000}$ |  | $\underline{\underline{1010,000}}$ |  |

a) Name the purpose of the Trading Account and the purpose of the Profit and Loss Account in the Statement of Profit or Loss (Income Statement). Briefly describe these TWO items.
b) State ONE similarity and ONE difference between the Trial Balance and the Statement of Financial Position.
c) Briefly explain the going concern concept and describe ONE instance when this concept should not be applied in the statement of financial position.
d) From the Statements of Financial Position above:
i) Calculate the working capital and the capital employed of both businesses.
ii) Explain the significance of the working capital and the capital employed.
e) From the Statements of Financial Position above calculate the following ratios for the businesses of Connie Vidal and Carl Marks:
i) Return on capital employed (ROCE);
ii) Current ratio.
(Total: $\mathbf{2 0}$ marks)

```
SUBJECT: Accounting
PAPER NUMBER: IIA
DATE:
3rd June 2021
TIME: 4:00 p.m. to 6:05 p.m.
```

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 relating to Gianelle's business was extracted from the ledger accounts on 31 December 2020:

|  | $€$ | $€$ |
| :---: | :---: | :---: |
| Buildings | 250,000 |  |
| Equipment | 60,000 |  |
| Allowance for depreciation of buildings 1 January 2020 |  | 5,000 |
| Allowance for depreciation of equipment 1 January 2020 |  | 12,000 |
| 5\% Loan |  | 40,000 |
| Trade receivables | 18,000 |  |
| Trade payables |  | 11,500 |
| Sales |  | 435,600 |
| Inventory at 1 January 2020 | 15,700 |  |
| Purchases | 275,100 |  |
| Carriage on purchases | 3,400 |  |
| Carriage on sales | 1,540 |  |
| Sales returns and purchases returns | 2,600 | 2,200 |
| Cash in hand | 100 |  |
| Bank overdraft |  | 7,550 |
| Drawings | 25,400 |  |
| Allowance for doubtful debts 1 January 2020 |  | 800 |
| Rent | 9,000 |  |
| Wages | 21,600 |  |
| Commission receivable |  | 900 |
| Water \& electricity | 3,700 |  |
| Communication expenses | 1,250 |  |
| Maintenance of equipment | 620 |  |
| Discounts allowed and received | 690 | 1,800 |
| Interest on loan | 1,000 |  |
| Cleaning expenses | 1,450 |  |
| Insurance | 4,200 |  |
| Account payable for equipment |  | 18,000 |
| Capital |  | 160,000 |
|  | 695,350 | 695,350 |

This question continues on next page.

The following year-end additional information was provided to prepare the final accounts:
i) The value of inventory at the end of the year amounted to $€ 17,700$.
ii) Commission receivable is $1 \%$ of the annual net purchases.
iii) The rent expense is $€ 1000$ per month.
iv) Water \& electricity consumed but not paid was $€ 850$.
v) Buildings are depreciated at $2 \%$ per annum by the straight line method whereas equipment is depreciated annually at $20 \%$ by the reducing balance method.
vi) The loan interest for the second half of the year has not been paid.
vii) The insurance payments include a prepayment of $€ 200$ for next year.
viii) The allowance for doubtful debts in the trial balance is in respect of a trade receivable who was declared bankrupt during this year. No accounting entries were made to record the write off of the customer's account.
ix) An inspection of the trade receivables' list at the end of the year revealed that $€ 1,100$ due from a customer has been very long overdue. It is very unlikely that this amount will be received. The allowance for doubtful debts at the end of the year was to reflect this.

## Required:

a) A statement of profit or loss for the year ended 31 December 2020.
b) A statement of financial position as at 31 December 2020.
(Total: $\mathbf{3 0}$ marks)
2. Michele's statement of financial position as at 31 December 2019, included the following balances:

|  | Cost | Depreciation |
| :--- | :---: | :---: |
| Machinery | $€$ | $€$ |
| Motor vehicles | 80,000 | $?$ |
| 55,000 | 21,000 |  |

Machinery listed above relate to the acquisition of two machines. The cost of each machine and the date of purchase is shown below:

|  | Cost | Date of purchase |
| :--- | :---: | :---: |
| Machine 1 (M1) | $€ 50,000$ | 1 January 2017 |
| Machine 2 (M2) | $€ 30,000$ | 1 April 2018 |

During the year ended 31 December 2020 the following non-current asset transactions took place:

1 May 2020 The purchase of a new machine costing $€ 20,000$.
1 May 2020 The sale of machine 2 (M2) for $€ 15,000$.
1 July 2020 A motor vehicle bought for $€ 11,000$ on 1 July 2018 was sold for $€ 6,000$.
1 July 2020 The purchase of a new motor vehicle costing $€ 15,000$.
It is Michele's policy to provide a whole year's depreciation to the non-current assets held at the end of the financial year using the following methods and rates:

| Machinery | Reducing balance method | $30 \%$ p.a. |
| :--- | :--- | :--- |
| Motor vehicles | Straight line method | $20 \%$ p.a. |

## Required:

a) Calculate the accumulated depreciation of machinery on 1 January 2020.
b) Prepare the following accounts for the year ended 31 December 2020:
i) The machinery account.
ii) The machinery allowance for depreciation account.
iii) The machinery disposal account.
iv) The motor vehicles account.
v) The motor vehicles allowance for depreciation account.
vi) The motor vehicles disposal account.
(Total: $\mathbf{3 0}$ marks)

## SECTION B:

## Answer ANY TWO questions from this Section. This Section carries 40 marks.

3. Mika runs a pet shop. She did not keep proper books of account, however, it was possible to extract the following details from the few records that are available.

| Balances as at | $\mathbf{1}$ May $\mathbf{2 0 2 0}$ | $\mathbf{3 0}$ April $\mathbf{2 0 2 1}$ |
| :--- | :---: | :---: |
|  | $€$ | $€$ |
| Inventory, at cost | 15,000 | 17,500 |
| Trade receivables | 18,500 | 27,400 |
| Trade payables | 14,300 | 12,900 |

The bank account for the year to 30 April 2021 includes:

|  | $€$ |  | $€$ |
| :--- | :---: | :--- | :---: |
| Trade receivables | 165,000 | Trade payables | 107,500 |
| Cash sales banked | 4,200 |  |  |

Mika's sales are mainly on credit. However, she has a few customers who pay immediately in cash. All cash sales are banked except for $€ 1,000$ every month which Mika keeps for her personal use.
Additional information:

- Sales returns and purchases returns of $€ 3,400$ and $€ 1,900$ respectively were recorded during the year to 30 April 2021.
- Discounts allowed and received of $€ 750$ and $€ 600$ respectively were also recorded in this financial year.
- A set-off of $€ 550$ between a trade receivable account and a trade payable account was made in December 2020.


## Required:

a) The trade receivables control account (sales ledger control account).
b) The trade payables control account (purchases ledger control account).
c) The statement of profit or loss for the year ended 30 April 2021 to calculate the gross profit (the trading account).
4. The statements of financial position of Pinu on 31 December 2019 and 2020 include the following items:

|  | $\mathbf{2 0 1 9}$ | $\mathbf{2 0 2 0}$ |
| :--- | :---: | ---: |
| Current Assets | $€$ | $€$ |
| Other receivables: |  |  |
| Prepaid insurance | 200 | 350 |
| Prepaid communication expenses | 800 | nil |
| Accrued rent receivable | 700 |  |
|  |  | 2,500 |
| Current Liabilities |  | 675 |
| Other payables: | nil | 1,400 |

During the year ended 31 December 2020 the following receipts and payments were recorded:
Wages total for year
Insurance total for year 6,420
Payments for communication expenses 8,100
Rent received
10,500

## $€$

## Required:

Prepare the following accounts for the year ended 31 December 2020:
a) The insurance account.
b) The wages account.
c) The communication expenses account.
d) The rent receivable account.
5. Lana designed a board game and after receiving a lot of encouragement from her friends on 1 April 2020 she decided to start her own business producing this board game. She managed to provide you with the following information as at 31 March 2021:

|  | $€$ |
| :--- | ---: |
| Machinery | 40,000 |
| Machine maintenance | 1,200 |
| Direct manufacturing wages | 23,000 |
| Raw material purchases | 17,000 |
| Transport of raw materials | 800 |
| Factory power | 2,400 |
| Cleaning of machinery | 600 |
| Factory rent | 3,000 |
| Indirect factory wages | 9,400 |
| Indirect materials | 4,300 |
| Factory insurance | 1,700 |
| Selling \& distribution expenses | 5,100 |
| Administrative expenses | 8,500 |

The following additional information is also available:

- Machines are depreciated at $10 \%$ per annum.
- During this first year of business 5,000 board games were produced.
- The selling price of the board game was set at $€ 21$. During the year 4800 games were sold
- Inventories as at 31 March 2021 were as follows:

|  | $€$ |
| :--- | :---: |
| Raw materials | 1,400 |
| Work-in-progress | 1,000 |
| Finished goods | $?$ |

## Required:

a) The manufacturing account for the year ended 31 March 2021.
b) Calculate the cost per board game and the value of closing inventory of finished goods.
c) The statement of profit or loss for the year ended 31 March 2021.
6. Carina is in business operating a hairdresser salon and a beauty salon. The following are the records she managed to compile for the year ended 31 December 2020:

|  | $€$ |
| :--- | ---: |
| Fixtures and fittings | 20,000 |
| Hairdressing equipment | 10,000 |
| Beauty salon equipment | 20,000 |
| Inventory 1 January 2020 | 2,000 |
| Hairdressing | 1,200 |
| Beauty salon |  |
| Purchases | 10,700 |
| Hairdressing | 5,800 |
| Beauty salon | 2,400 |
| Inventory 31 December 2020 | 900 |
| Hairdressing |  |
| Beauty salon | 60,000 |
| Sales | 30,000 |
| Hairdressing |  |
| Beauty salon | 20,000 |
| Wages | 12,000 |
| Hairdressing | 6,000 |
| Beauty salon | 4,500 |
| Water and electricity | 2,000 |
| Advertising | 10,000 |
| Insurance | 3,600 |
| Rent | 2,500 |
| General Expenses |  |
| Communication fees |  |

The following information is also provided:
i) The depreciation charge for fixtures and fittings is $10 \%$, hairdressing equipment $25 \%$ and beauty salon equipment $15 \%$ using the straight line method.
ii) The shop area is divided $75 \%$ for hairdressing and $25 \%$ for the beauty salon. It was decided to apportion insurance, rent and depreciation of fixtures and fittings between the departments on the basis of floor area.
iii) Water and electricity, advertising and general expenses are to be apportioned between the departments on the basis of the sales value.
iv) Communication fees are shared equally between the departments.
v) Carina agreed with the employees to pay the December 2020 overtime in January 2021. This amounted to $€ 850$ to hairdressers and $€ 600$ to beauty technicians.

## Required:

The departmental statement of profit or loss for the year ended 31 December 2020 showing the profit or loss of each department. (The total column is NOT required.)
(Total: 20 marks)

```
SUBJECT: Accounting
PAPER NUMBER: IIB
DATE:
3rd June 2021
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 $\mathbf{4 0}$ marks.

1. The following trial balance relating to Antonio's business was extracted from the ledger accounts on 31 December 2020:

|  | $€$ | € |
| :---: | :---: | :---: |
| Sales |  | 115,620 |
| Equipment | 50,000 |  |
| Allowance for depreciation of equipment 1 January 2020 |  | 10,000 |
| 5\% Loan |  | 20,000 |
| Trade receivables | 12,000 |  |
| Trade payables |  | 8,500 |
| Inventory at 1 January 2020 | 5,600 |  |
| Purchases | 67,200 |  |
| Carriage on purchases | 1,800 |  |
| Carriage on sales | 930 |  |
| Cash in hand | 100 |  |
| Cash at bank | 4,500 |  |
| Drawings | 11,000 |  |
| Allowance for doubtful debts 1 January 2020 |  | 600 |
| Rent | 10,000 |  |
| Wages | 16,700 |  |
| Commission receivable |  | 750 |
| Water \& electricity | 2,400 |  |
| Communication expenses | 650 |  |
| Maintenance of equipment | 1,250 |  |
| Discounts allowed | 410 |  |
| Discounts received |  | 550 |
| Cleaning expenses | 580 |  |
| Insurance | 900 |  |
| Capital |  | 30,000 |
|  | 186,020 | 186,020 |

The following year-end additional information was provided to prepare the final accounts:
i) The value of inventory at the end of the year amounted to $€ 7,600$.
ii) Rent paid in advance at 31 December 2020 amounted to $€ 1,000$.
iii) Water \& electricity consumed but not paid was $€ 350$.
iv) Equipment is depreciated annually at $20 \%$ by the reducing balance method.

This question continues on next page.
v) The loan interest for the year has not yet been paid.
vi) The allowance for doubtful debts was increased to $€ 800$ at the end of the year.

## Required:

a) A statement of profit or loss for the year ended 31 December 2020.
b) A statement of financial position as at 31 December 2020.
2. Elena's statement of financial position as at 31 December 2019, included the following balances:

|  | Cost | Depreciation |
| :--- | :---: | :---: |
| Machinery | $€$ | $€$ |
| Motor vehicles | 45,000 | 15,000 |
|  | 40,000 | 17,000 |

During the year ended 31 December 2020 the following non-current asset transactions took place:

1 May 2020 The purchase of a new machine costing $€ 20,000$.
1 July 2020 A motor vehicle bought for $€ 12,000$ on 1 July 2018 was sold for $€ 7,000$.
1 July 2020 The purchase of a new motor vehicle costing $€ 14,000$.
It is Elena's policy to provide a whole year's depreciation to the non-current assets held at the end of the financial year using the following methods and rates:

| Machinery | Reducing balance method | 20\% p.a. |
| :--- | :--- | :--- |
| Motor vehicles | Straight line method | $20 \%$ p.a. |

## Required:

Prepare the following accounts for the year ended 31 December 2020:
a) The machinery account.
b) The machinery allowance for depreciation account.
c) The motor vehicles account.
d) The motor vehicles allowance for depreciation account.
e) The motor vehicles disposal account.

## SECTION B:

## Answer ANY FOUR questions from this Section. This Section carries $\mathbf{6 0}$ marks.

3. The following list of balances has been extracted from the books of Boris, at 30 April 2021 a month before the end of the financial year:

|  | $€$ |
| :--- | ---: |
| Capital | $?$ |
| Bank overdraft | 1,500 |
| Non-current assets | 100,000 |
| Inventory 1 June 2020 | 6,500 |
| Cash | 500 |
| Trade Receivables | 7,000 |
| Trade payables | 4,500 |
| Wages | 12,000 |
| General expenses | 6,700 |
| Rent receivable | 2,400 |
| Irrecoverable debts | 400 |
| Drawings | 9,100 |
| Sales | 108,000 |
| Purchases | 91,000 |
| Sales returns | 1,500 |
| Purchases returns | 2,800 |

The following are the summarised transactions for the month of May 2021:

- Purchases on credit $€ 5,000$.
- Sales on credit €4,900.
- Receipts from trade receivables banked $€ 7,800$.
- Payments to trade payables by cheque $€ 5,200$ after receiving $€ 300$ cash discounts.
- Goods withdrawn by Boris for personal use $€ 400$.


## Required:

a) Prepare a trial balance at 30 April 2021 and find the balance of capital.
b) Record the above transactions in the accounts of Boris for the month of May 2021 starting from the balance brought forward on 1 May 2021. (Balancing off and transfers to the trading and profit and loss account are not required.)
(Total: 15 marks)

Please turn the page.
4. Doreen and her friends teamed up to produce masks on 1 April 2020. Doreen managed to provide you with the following information as at 31 March 2021:

|  | $€$ |
| :--- | ---: |
| Purchases of raw material | 5,000 |
| Direct labour | 25,000 |
| Direct expenses | 3,500 |
| Repairs and maintenance of machines | 2,400 |
| Factory rent | 5,000 |
| Insurance of machines | 350 |
| Stationery and office expenses | 45 |
| Power for factory machines | 2,140 |
| Cleaning of factory | 800 |
| Sales | 65,000 |

The following additional information is also available:

- On 1 April 2020, Doreen bought four sewing machines for $€ 250$ each. It was decided to depreciate the machines at 20\% per annum.
- The rent expense is $€ 500$ per month starting from 1 April 2020.
- Inventories as at 31 March 2021 were as follows:

|  | $€$ |
| :--- | ---: |
| Raw materials | 600 |
| Work-in-progress | 400 |
| Finished goods | 2,000 |

## Required:

a) The manufacturing account for the year ended 31 March 2021.
b) The statement of profit or loss for the year ended 31 March 2021 up to the calculation of gross profit.
(Total: 15 marks)
5. Cesca bought a shop which she turned into a beauty shop under the name 'Shine Bright'. From this shop Cesca offers two services to her clients, a hairdresser salon and nail technician services. Cesca is interested to know how each department is performing. The following are the records she managed to compile for the year ended 31 December 2020:

|  | $€$ |
| :--- | ---: |
| Fixtures and fittings | 15,000 |
| Hairdressing equipment | 10,000 |
| Inventory 1 January 2020 | 2,000 |
| Hairdressing | 600 |
| Nail Technician |  |
| Purchases | 15,200 |
| Hairdressing | 3,600 |
| Nail Technician | 3,400 |
| Inventory 31 December 2020 | 800 |
| Hairdressing |  |
| Nail Technician | 62,700 |
| Sales | 35,500 |
| Hairdressing |  |
| Nail Technician | 30,000 |
| Wages | 15,000 |
| Hairdressing | 6,000 |
| Nail Technician | 4,000 |
| Water and electricity | 1,000 |
| Advertising | 9,000 |
| Insurance | 600 |
| Rent | 500 |
| General Expenses |  |
| Communication fees |  |

The following information is also provided:
i) The shop area is divided $75 \%$ for hairdressing and $25 \%$ for nail technician services and it was agreed to apportion the expense between the departments accordingly.
ii) The depreciation charge for fixtures and fittings is $10 \%$ and hairdressing equipment $25 \%$ using the straight line method. The depreciation of fixtures and fittings is apportioned on the basis of floor area.
iii) Rent is $€ 1,000$ per month paid and it is paid quarterly in arrears.
iv) Cesca agreed with the employees to pay the December 2020 overtime in January 2021. This amounted to $€ 650$ to hairdressers and $€ 100$ to nail technician.

## Required:

The departmental statement of profit or loss for the year ended 31 December 2020 showing the profit or loss of each department. (The total column is not required.)
(Total: $\mathbf{1 5}$ marks)
6. Phillip is in charge of the petty cash. He operates the petty cash book on the imprest system. The cash float is $€ 700$ and the cash spent is reimbursed at the end of each month. The following are the expenses for the month of April 2021:

|  |  | $€$ |
| :---: | :--- | ---: |
| 6 | Photocopier paper | 100 |
| 7 | Toner | 125 |
| 8 | Petrol | 50 |
| 12 | Stationery | 80 |
| 14 | Postage stamps | 75 |
| 15 | Parcel postage | 71 |
| 16 | Stationery | 68 |
| 20 | Cleaning material | 13 |
| 23 | Postage stamp | 61 |
| 27 | Petrol | 50 |

## Required:

a) Draw up a petty cash book with expenditure analysis columns for stationery, petrol, postage, and cleaning and record the above transactions.
b) Enter the receipt of the amount necessary to restore the imprest system and carry down the balance.
(Total: 15 marks)
7. During the year Nathan was very busy and he did not manage to keep an accounting system. However, he managed to collect the following information in respect of 2020:

|  |  | $€$ |
| :--- | :--- | ---: |
| 31 January 2020 | Trade receivables | 10,500 |
|  | Trade payables | 9,400 |
|  | Totals for the year ended 31 December $2020:$ | 126,000 |
|  | Sales on credit | 101,000 |
|  | Purchases on credit | 116,500 |
|  | Cash received from trade receivables | 99,900 |
|  | Cash paid to trade payables | 1,600 |
|  | Discount allowed | 2,700 |
|  | Discount received | 650 |
|  | Irrecoverable debts | 1,100 |
|  | Dishonoured cheque | 390 |

## Required:

a) The sales ledger control account for the year showing the balance of trade receivables as at 31 December 2020.
b) The purchases ledger control account for the year showing the balance of trade payables as at 31 December 2020.
8. The statements of financial position of Ralph on 31 December 2019 and 2020 include the following items:

| 2019 | 2020 |
| :---: | :---: |

## Current Assets

Other receivables:
Prepaid insurance 400600

Accrued rent receivable 500
600

## Current Liabilities

Other payables:
Accrued wages
1,600
2,100
Prepaid rent receivable - 1,000
During the year ended 31 December 2020 the following receipts and payments were recorded:

## $€$

Wages total for year 29,800
Insurance total for year 5,650
Rent received 7,500

## Required:

Prepare the following accounts for the year ended 31 December 2020 clearly showing the amounts transfered to the statement of profit or loss:
a) The insurance account.
b) The wages account.
c) The rent receivable account.

