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| Morning (Time: 3 hours)                       | Pa        | aper Refei         | rence WAC11/01   |
| Accounting                                    |           |                    |                  |
| International Advance Paper 1: The Accounting |           | •                  | Costing          |

#### **Instructions**

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- All calculations must be shown.
- Answer **both** questions in Section A and **three** questions from Section B.
- Answer the questions in the spaces provided
  - there may be more space than you need.
- Do not return the Source Booklet with the question paper.

#### Information

- The total mark for this paper is 200.
- The marks for **each** question are shown in brackets
  - use this as a guide as to how much time to spend on each question.
- Calculators may be used.
- The source material for use with Questions 1 to 6 is in the enclosed Source Booklet.

#### **Advice**

- Read each question carefully before you start to answer it.
- Check your answers if you have time at the end.

Turn over ▶



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## **SECTION A**

## Answer BOTH questions in this section.

## Source material for Question 1 is on pages 2 to 4 of the Source Booklet.

| 1 | (a) | Prepare the journal entries to correct the errors found on 31 December 2019.  Narratives are not required. |     |
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| (i) Statement of Profit or Loss and Other Comprehensive Income for the year ended 31 December 2019. | oar  | ne for the year | nrehensive Incor  | nd Other Co  | Profit or Loss | Statement of I | (i) |
|---|------|-----------------|-------------------|--------------|----------------|----------------|-----|
|   |      | ne ioi the year | iprenensive incor | id Other Col | ember 2019.    | ended 31 Dec   | (1) |
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(18)

| (c) Calculate the amount of Raj's initial capital and Paul's initial capital if they decide |       |
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| to form the partnership.  |       |
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| (d) Evaluate, from the point of view of Raj, his proposed partnership with Paul. | (12) |
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|   |         | Source material     | for Question 2 is  | s on pages 6 a | nd 7 of the S | ource Booklet | •   |
|---|---------|---------------------|--------------------|----------------|---------------|---------------|-----|
| 2 | (a) Cal | culate the value of | the inventory at 3 | 31 December 2  | 2019.         |               | (8) |
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| if Tam had used Last In First  |                         |                  |                  | (2) |
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| ) Explain the difference betwe | een <b>inventory ro</b> | otation and inve | ntory valuation. | (4) |
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| (d) Prepare the Trade Receivables (Sales) Ledger Control Account for December 2019 showing the balances at the end of the month. |     |
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| (e) Calculate the bank balance at 31 December 2019.  | (6) |
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| (f) Prepare the extract from Tam's Statement of Financial Position listing all of the<br>current assets at 31 December 2019. | (7) |
|  | (7) |
|  | (7) |
|  | (7) |
| current assets at 31 December 2019.  |     |
| current assets at 31 December 2019.  |     |
| current assets at 31 December 2019.  |     |
| (f) Prepare the extract from Tam's Statement of Financial Position listing all of the current assets at 31 December 2019.    |     |



| (1)  | Consistency |     |
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| (ii) | Prudence    |     |
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| (h) Evaluate the use of accounting concepts and conventions in the preparation of financial statements. |      |  |
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| indireidi statements.   | (12) |  |
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| (Total for Question 2 = 55 marks) |
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| (Total for Question 2 – 33 marks) |
|                                   |

TOTAL FOR SECTION A = 110 MARKS

## BLANK PAGE SECTION B BEGINS ON THE NEXT PAGE.



#### **SECTION B**

## Answer THREE questions from this section.

Indicate which question you are answering by marking a cross in the box  $\boxtimes$ . If you change your mind, put a line through the box  $\boxtimes$  and then indicate your new question with a cross  $\boxtimes$ .

If you answer Question 3 put a cross in the box  $\square$ .

Source material for Question 3 is on pages 8 and 9 of the Source Booklet.

| 3     | (a) State <b>two disadvantages</b> of <b>not</b> maintaining double entry books. | (2) |
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|       | (b) Prepare the:   |     |
|       | (i) summarised bank account for the year showing the balance at 31 December 2019 |     |
|       | 31 December 2019   | (8) |
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| (ii) Statement of Profit or Loss and Other Comprehensive Incon ended 31 December 2019 | ne for the year (8) |
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| (iii) Statement of Financial Position at 31 December 2019. | (6) |
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| (c) Evaluate whether Natalie should use in (ICT) to maintain her accounts and rec |        | unication technolo | ЭУ  |
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| (ici) to maintain her accounts and rec  | .0143. |                    | (6) |
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## If you answer Question 4 put a cross in the box $\ \square$ . Source material for Question 4 is on page 10 of the Source Booklet.

| 4 | (a) Explain <b>four</b> features of a good credit control policy that Alex should use. |     |
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- (b) Calculate the following ratios for **both** the years ended 31 December 2018 and 31 December 2019:
  - current ratio
  - liquid (acid test) ratio
  - trade payables payment period (in days)
  - trade receivables collection period (in days).

(16)

| Ratio   | 31 December 2018 | 31 December 2019 |
|---|------------------|------------------|
| Current ratio                                 |                  |                  |
| Liquid (acid test) ratio                      |                  |                  |
| Trade payables payment period (in days)       |                  |                  |
| Trade receivables collection period (in days) |                  |                  |

| (c) Evaluate Alex's liquidity position at 31 December 20 | 019. (6)                          |
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|  | (Total for Question 4 = 30 marks) |



# BLANK PAGE QUESTION 5 BEGINS ON THE NEXT PAGE.



## If you answer Question 5 put a cross in the box $\ \square$ . Source material for Question 5 is on pages 12 and 13 of the Source Booklet.

| <ul> <li>(a) Prepare the Manufacturing Account, in columnar format, for the year ended</li> <li>31 December 2019, showing the cost of producing desks, tables and a total co</li> </ul> | st.  |
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| (b) Explain the entries to be made in the Provision for Unrealised Profit Account if the inventory of finished goods at 31 December 2019 was valued at £660 000 | (4) |
|---|-----|
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| (c) Evaluate the Production Manager's de | ecision. | (6)  |
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|  |          | (0)  |
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| If you answer Question 6 put a cross in the box $ oxdots$ .                 |
|---|
| Source material for Question 6 is on pages 14 and 15 of the Source Booklet. |

| 6 | (a) Explain the meaning of the following terms as they relate to <b>inventory</b> : | (4) |
|---|---|-----|
|   | historic cost concept   |     |
|   |   |     |
|   |   |     |
|   |   |     |
|   | net realisable value.   |     |
|   |   |     |
|   |   |     |
|   |   |     |

(b) Calculate the **number of items** in the inventory for **each** of the two products at 31 December 2019.

(6)

| Number | Number |
|--------|--------|
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| (c) Calculate Maria's gross profit as a percentage of revenue on <b>each</b> : | (4) |
|--|-----|
| • printer  |     |
|  |     |
|  |     |
| ink cartridge.   |     |
|  |     |
|  |     |
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32

| d) Complete the Statement of Profit or Loss and Other Comprehensive the three months ended 31 December 2019. | (10) |
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| (e) Evaluate Maria's pricing strategy for the sale of printers and ink cartridg | ges.<br>(6)     |
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| (Total for Question   | n 6 = 30 marks) |
|   |                 |

TOTAL FOR SECTION B = 90 MARKS TOTAL FOR PAPER = 200 MARKS



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## **Pearson Edexcel International Advanced Level**

# **Tuesday 7 January 2020**

Morning (Time: 3 hours)

Paper Reference WAC11/01

## **Accounting**

International Advanced Subsidiary

**Paper 1: The Accounting System and Costing** 

**Source Booklet** 

Do not return this Source Booklet with the question paper.

Turn over ▶





## **SECTION A**

## Answer BOTH questions in this section.

600

1 Raj is a retailer of computer software. The following balances were in his books on 31 December 2019.

|   | £                          |
|---|----------------------------|
| Non-current assets (cost): Premises Computers and equipment Fixtures and fittings   | 80 000<br>30 000<br>16 000 |
| Provisions for depreciation: Premises Computers and equipment Fixtures and fittings | 22 000<br>14 000<br>9 600  |
| Purchases   | 216 000                    |
| Purchase returns  | 20 300                     |
| Wages   | 40 800                     |
| Management salaries   | 25 000                     |
| Bank and cash   | 10 350 Dr                  |
| Inventory 1 January 2019  | 37 600                     |
| Trade payables  | 28 350                     |
| Trade receivables   | 37 500                     |
| Capital   | 80 000                     |
| Raj – Current account   | 6 700 Cr                   |
| Drawings  | 22 000                     |
| Electricity and water   | 9 700                      |
| Premises running expenses   | 6 900                      |
| Advertising expenses  | 17 000                     |
| Revenue   | 309 000                    |
| 5% bank loan  | 60 000                     |
| Bank loan interest paid   | 1 700                      |
|   |                            |

Allowance for irrecoverable debts

On the 31 December 2019 Raj inspected his books and found the following errors.

- (1) Purchases, £1 800, had been returned to the supplier, Global ICT. No entries for the returns had been made in the books.
- (2) Drawings made by Raj, £900, had been posted to the Wages Account.
- (3) The entries for the payment made by cheque for electricity, £1 150, were reversed in the books.

## Required

(a) Prepare the journal entries to correct the errors found on 31 December 2019. **Narratives are not required.** 

(6)

#### Additional information at 31 December 2019

- (1) Inventory £51 100
- (2) Wages £3 700 were accrued.
- (3) Advertising expenses included a £4 000 payment for a campaign running from 1 November 2019 to 31 March 2020.
- (4) The 5% bank loan was taken out on 1 January 2019. Half of the loan is repayable on 1 January 2020 and half on 1 January 2021.
- (5) Depreciation is charged on all non-current assets owned at the end of the year as follows.
  - Premises at the rate of 2% per annum on cost.
  - Computers and equipment at the rate of 25% per annum using the reducing balance method.
  - Fixtures and fittings at the rate of 15% per annum using the straight line method.
- (6) A debt for £2 500 is considered irrecoverable. An allowance is to be maintained on all remaining debts at 4% of trade receivables.
- (7) Raj maintains a fixed capital account. All drawings and profit appropriations are made through his current account.

#### Required

- (b) Prepare the:
  - (i) Statement of Profit or Loss and Other Comprehensive Income for the year ended 31 December 2019.

(15)

(ii) Statement of Financial Position at 31 December 2019.

(18)

Raj is considering entering into a partnership with Paul from 1 January 2020. Paul runs a computer hardware business.

Paul's books show a capital of £80 000, but this does **not** include goodwill worth £60 000

There is no goodwill in the business of Raj and it is agreed that goodwill would **not** be maintained in the books of the proposed partnership.

Profits and losses in the proposed partnership would be shared, Raj 2/5 and Paul 3/5.

## Required

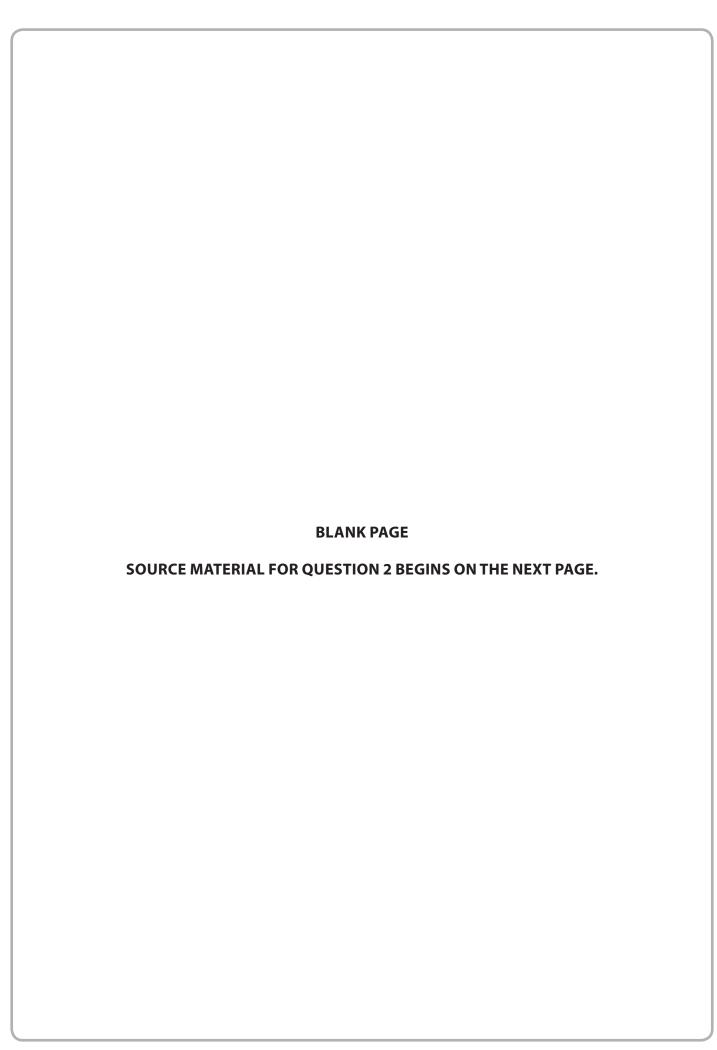
(c) Calculate the amount of Raj's initial capital and Paul's initial capital if they decide to form the partnership.

(4)

(d) Evaluate, from the point of view of Raj, his proposed partnership with Paul.

(12)

(Total for Question 1 = 55 marks)



2 Tam is preparing his Statement of Financial Position at 31 December 2019. The following information relates to his calculation of the current assets.

## (1) Inventory

Tam calculates his inventory valuation using the First In First Out (FIFO) method. The opening balance and inventory movements for December 2019 were:

| 1     | December | Balance | 650 items at £13 per item |
|-------|----------|---------|---------------------------|
| 1     |          |         | •                         |
| 3     | December | Receipt | 800 items at £12 per item |
| 4–14  | December | Sales   | 600 items                 |
| 15    | December | Receipt | 400 items at £11 per item |
| 16-23 | December | Sales   | 500 items                 |
| 24    | December | Receipt | 300 items at £10 per item |
| 25-31 | December | Sales   | 200 items                 |

#### Required

(a) Calculate the value of the inventory at 31 December 2019.

(8)

(b) State, giving **one** reason, whether the inventory value would be higher, or lower, if Tam had used Last In First Out (LIFO) as his method of valuation.

(2)

(c) Explain the difference between **inventory rotation** and **inventory valuation**.

(4)

#### (2) Trade receivables

Tam calculates his trade receivables by preparing a Trade Receivable (Sales) Ledger Control Account. The following information is available.

On 1 December 2019 the balances on the Trade Receivable (Sales) Ledger Control Account were:

£5 100 Dr £ 240 Cr

For the month of December 2019 the summarised transactions were as follows.

- 1. Sales were made, £3 850 on credit and £780 for cash.
- 2. Sales returns totalling £420 were received including £70 from cash customers.
- 3. Cheques were received from credit customers totalling £4 050
- 4. There was an irrecoverable debt of £230
- 5. Discount allowed was £170
- 6. Interest of £60 was charged on an overdue trade receivable account.

#### Additional information at 31 December 2019

- There was a credit balance on a trade receivable account of £350
- The allowance for irrecoverable debts was £400

## Required

(d) Prepare the Trade Receivables (Sales) Ledger Control Account for December 2019 showing the balances at the end of the month.

(8)

#### (3) Other receivables

Consisted of one month's prepaid rent on the premises charged at the rate of £7 200 per annum, plus prepaid expenses of £95

#### (4) Cash and bank

The summarised cash and bank transactions for December 2019 were as follows.

£

| Opening cash and bank balances     | 750   |
|------------------------------------|-------|
| Receipts from trade receivables    | 4 050 |
| Payment to trade payables          | 1 850 |
| Sale of non-current assets         | 600   |
| Wages                              | 1 500 |
| Expenses                           | 1 350 |
| Cash sales                         | 780   |
| Cash refund paid for sales returns | 70    |

#### Additional information on 31 December 2019

The cash balance was £50

## Required

(e) Calculate the bank balance at 31 December 2019.

(6)

(f) Prepare the **extract** from Tam's Statement of Financial Position listing all of the **current assets** at 31 December 2019.

**(7)** 

- (g) Explain the following accounting concepts, giving **one** application of their use in the preparation of the **current assets** in a Statement of Financial Position.
  - (i) Consistency

(4)

(ii) Prudence

(4)

(h) Evaluate the use of accounting concepts and conventions in the preparation of financial statements.

(12)

(Total for Question 2 = 55 marks)

#### **TOTAL FOR SECTION A = 110 MARKS**

#### **SECTION B**

#### Answer THREE questions from this section.

3 Natalie started a business on 1 January 2019 as a retailer of hats. She rents premises for an office and sells the hats on the internet.

Natalie does not maintain double entry books, but the following information is available for the year ended 31 December 2019.

- (1) On 1 January 2019 Natalie started the business with £2 000 in the bank and fixtures valued at £2 500
- (2) All purchases were on credit. All sales are paid for at the time of order.
- (3) Purchases and sales for the year were:

Purchases 7 500 hats at £7 per hat

Purchase returns 200 hats which were defective

Sales 6 600 hats at £12 per hat

Sales returns 300 hats, full refund given to customer

(4) Expenses were all paid by cheque:

Rent £500 per month paid one month in advance

Postage on sales £1.25 per hat paid at time of postage

Office expenses £3 450 Internet costs £5 050

- (5) Additional fixtures were bought in March costing £1 300
- (6) Natalie took £500 per month as drawings.
- (7) On the 31 December 2019:

Natalie owed trade payables £10 350 The fixtures were valued at £2 700

#### Required

(a) State **two disadvantages** of **not** maintaining double entry books.

(2)

- (b) Prepare the:
  - (i) summarised bank account for the year showing the balance at 31 December 2019

(8)

(ii) Statement of Profit or Loss and Other Comprehensive Income for the year ended 31 December 2019

(8)

(iii) Statement of Financial Position at 31 December 2019.

(6)

Natalie is considering using information communication technology (ICT) to maintain her accounts and records. (c) Evaluate whether Natalie should use information communication technology (ICT) to maintain her accounts and records. (6) (Total for Question 3 = 30 marks)

4 Alex is in business selling electrical equipment. The following balances were recorded in the books at 31 December 2018 and 31 December 2019.

|                   | 31 December<br>2018 | 31 December<br>2019 |  |
|-------------------|---------------------|---------------------|--|
|                   | £′000               | £′000               |  |
| Revenue           | 200                 | 250                 |  |
| Purchases         | 120                 | 140                 |  |
| Inventory         | 22                  | 24                  |  |
| Trade payables    | 15                  | 10                  |  |
| Trade receivables | 12                  | 30                  |  |
| Bank              | 6 Dr                | 28 Cr               |  |
| Other payables    | 3                   | 4                   |  |
| Other receivables | 5                   | 2                   |  |

#### **Additional information**

- (1) In the year ended 31 December 2018, 60% of revenue (sales) income and 75% of purchases were on credit.
- (2) In the year ended 31 December 2019, 80% of revenue (sales) income and 100% of purchases were on credit.

## Required

(a) Explain **four** features of a good credit control policy that Alex should use.

(8)

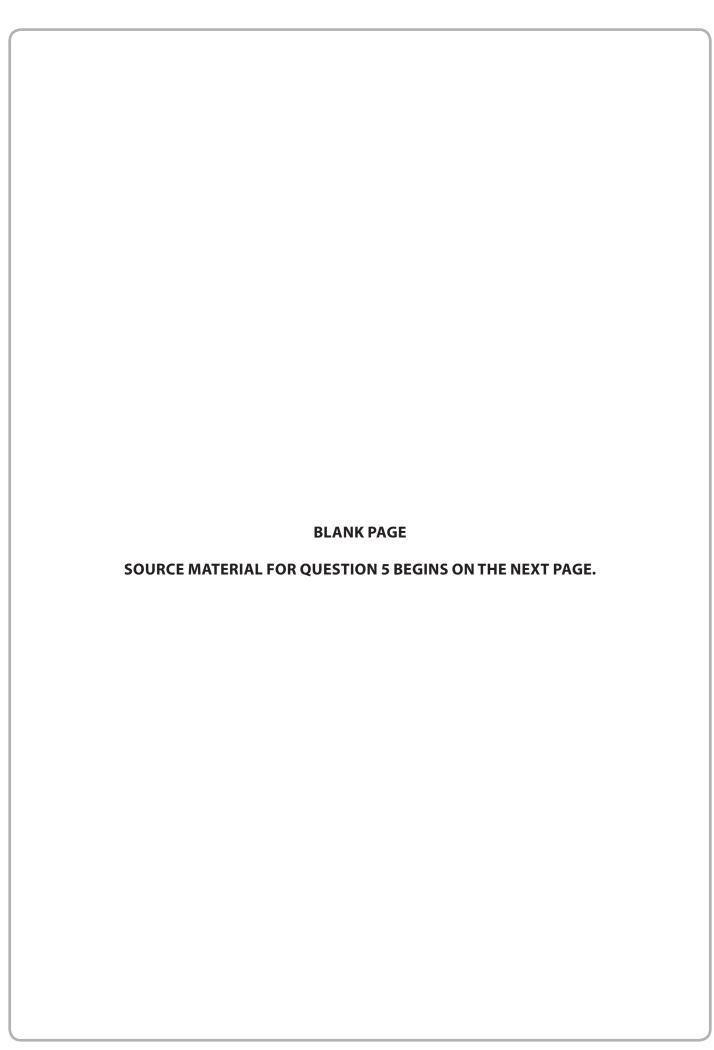
- (b) Calculate the following ratios for **both** the years ended 31 December 2018 and 31 December 2019:
  - current ratio
  - liquid (acid test) ratio
  - trade payables payment period (in days)
  - trade receivables collection period (in days).

(16)

(c) Evaluate Alex's liquidity position at 31 December 2019.

(6)

(Total for Question 4 = 30 marks)



**5** Keegan Manufacturing produces two products, desks and tables. Each product is made on a separate production line. Both products are manufactured from the same raw materials.

The following information was available for the year ended 31 December 2019.

## **Balances 1 January 2019:**

|                                 | £         |
|---------------------------------|-----------|
| Inventory                       |           |
| Raw material                    | 54 000    |
| Work in progress – desks        | 37 000    |
| – tables                        | 24 000    |
| Provision for unrealised profit | 70 000 Cr |

## **Balances in ledger at 31 December 2019:**

| Purchases of raw materials       | 193 000 |
|----------------------------------|---------|
| Production wages                 | 208 000 |
| Rent and rates                   | 40 000  |
| Management salaries              | 65 000  |
| Sundry materials                 | 30 000  |
| Insurance of machinery           | 15 000  |
| Electricity                      | 16 800  |
| Royalties – desks                | 20 000  |
| Depreciation charge on machinery | 30 000  |

#### Additional information available at 31 December 2019

| (1) Inventory            | £      |
|--------------------------|--------|
| Raw material             | 61 000 |
| Work in progress – desks | 38 600 |
| – tables                 | 23 200 |

- (2) £112 000 of raw materials was used to make desks, the balance of raw materials was used to make tables.
- (3) Sundry materials were considered 60% direct and 40% indirect. Two-thirds of sundry materials were used in the production of desks and one-third in the production of tables.
- (4) Other information.

|                                    | Desk  | Table |
|------------------------------------|-------|-------|
| Production line workers            | 8     | 5     |
| Floor area occupied (sq m)         | 6 000 | 4 000 |
| Machinery value (£'000)            | 60    | 90    |
| Machinery capacity (kilowatt hour) | 16    | 12    |

(5) Finished goods were transferred to the warehouse at cost of production plus 10%.

## Required

(a) Prepare the Manufacturing Account, **in columnar format**, for the year ended 31 December 2019, showing the cost of producing desks, tables and a total cost.

(20)

(b) Explain the entries to be made in the Provision for Unrealised Profit Account if the inventory of finished goods at 31 December 2019 was valued at £660 000

(4)

The Production Manager has decided to remunerate each production line using a group bonus scheme.

(c) Evaluate the Production Manager's decision.

(6)

(Total for Question 5 = 30 marks)

**6** Maria is in business buying and selling printers and ink cartridges.

The following information is a summary of her inventory movements for the three months ended 31 December 2019.

|                            | Printers | Ink cartridges |
|----------------------------|----------|----------------|
|                            | Number   | Number         |
| Inventory – 1 October 2019 | 16       | 120            |
| Purchases                  | 48       | 290            |
| Purchase returns           | _        | 16             |
| Sales                      | 50       | 300            |
| Sales returns              | 1        | -              |

## Required

- (a) Explain the meaning of the following terms as they relate to **inventory**:
  - historic cost concept
  - net realisable value.

(4)

(b) Calculate the **number of items** in the inventory for **each** of the two products at 31 December 2019.

(6)

For the three months ended 31 December 2019 the purchase costs and selling prices of the two products were as follows.

|               | Printers | Ink cartridges |
|---------------|----------|----------------|
|               | £        | £              |
| Purchase cost | 75       | 10             |
| Selling price | 80       | 25             |

## Required

- (c) Calculate Maria's gross profit as a percentage of revenue on **each**:
  - printer
  - ink cartridge.

(4)

#### **Additional information**

- (1) On 1 October 2019 expenses were accrued of £245
- (2) Total expenses of £3 100 were paid during the three months ended 31 December 2019.
- (3) On 31 December 2019 expenses of £720 were prepaid.
- (4) Depreciation for the year ended 31 December 2019 was calculated to be £2 400

## Required

(d) Complete the Statement of Profit or Loss and Other Comprehensive Income for the three months ended 31 December 2019.

(10)

(e) Evaluate Maria's pricing strategy for the sale of printers and ink cartridges.

(6)

(Total for Question 6 = 30 marks)

TOTAL FOR SECTION B = 90 MARKS
TOTAL FOR PAPER = 200 MARKS

