| Please check the examination details belo | w before ente | ering your candidate in | formation |
|---|--------------------|-------------------------|-------------|
| Candidate surname | | Other names | |
| | | | |
| Centre Number Candidate Nu | mber | | |
| | | | |
| Pearson Edexcel Intern | nation | al Advanc | ed Level |
| Friday 23 May 2025 | | | |
| Afternoon (Time: 3 hours) | Paper reference | WAC1 | 2/01 |
| Accounting | | | • • |
| | | | |
| International Advanced Le | vel | | |
| UNIT 2: Corporate and Ma | nagem | ent Account | ing |
| | | | |
| | | | |
| You must have: Source Booklet (enclosed) | | | Total Marks |
| | | | |

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.
- Answer both questions in Section A and three questions from Section B.
- All calculations must be shown.
- 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.

Mohammad Abdullah Al Mamun Principal American International Tutorial (An English Medium School)

Turn over



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Y:1/1/1/1



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) Calculate the weighted average cost of capital of Option B. | (6) |
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| (b) Identify the appropriate option to finance the project, giving a reason for your | |
| choice. | (2) |
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(22)





| (d) Calculate the average rate of return of the project, stating the formula used. | (9) |
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| (f) Evaluate the project from the point of view of Metropolis Traffic plc. | (12) |
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| | | | Source material for Question 2 is on pages 6 and 7 of the Source Booklet. | |
|---|-----|-------|--|-----|
| 2 | (a) | (i) | State two examples of revenue reserves found in a company's accounts. | (2) |
| | | | | (2) |
| 1 | | | | |
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| | | (ii) | State how a revenue reserve is created. | |
| | | | | (1) |
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| | | (iii) | State two uses of revenue reserves. | |
| | | . , | | (2) |
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| | (b) (i) | State two examples of capital reserves, other than share capital, found in a company's accounts. | (2) |
|---|---------|---|-----|
| 1 | | | |
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| 2 | | | |
| | (ii) | State how each of the reserves given in part (b)(i) is created. | (4) |
| 1 | | | |
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| | (iii) | State one use of each of the capital reserves given in part (b)(i). | |
| 1 | | | (2) |
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| (0 | (c) Prepare the Journal entries to show the redemption as recorded in the books. | | | | | |
|----|--|-----|--|--|--|--|
| | Dates and narratives are not required. | | | | | |
| | | (6) | | | | |
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| (i) two advantages to a co | ompany of redeeming ordinary shares | (4) |
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| (ii) two disadvantages to | a company of redeeming ordinary shares. | |
| Š | | (4) |
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| (e | (e) Prepare the Journal entries to show the dividend payment to redeemable preference shareholders as recorded in the books. | | | |
|----|---|-----|--|--|
| | Dates and narratives are not required. | | | |
| | | (6) | | |
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| (f) Calculate the dividend per share paid to remaining shareholders in March 2025. | (10) |
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| (g) Evaluate the decision of the directors to use all of the balance left in Retain earnings to pay a final dividend to remaining ordinary shareholders. | |
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| | (12) |
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| (Total for Overtion 3 - 55 months) |
| (Total for Question 2 = 55 marks) |
| |
| TOTAL FOR SECTION A = 110 MARKS |
| |
| |



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) Calculate the number of passengers Seaside Coaches Limited needs each year to break-even. | | | 0 |
|---|--|--------------|------|
| | | Sicult even. | (11) |
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| b) Calculate the number of tours Seaside Coaches Limited needs to make each year to break-even, based on an average of 35 passengers per tour. | |
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| | (2) |
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| c) Calculate the margin of safety: | |
| (i) in pounds (£) | |
| (i) iii podilus (£) | (5) |
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| (ii) as a percentage of sales. | (3) |
| | (3) |
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| (d) (i) Explain the term semi-fixed cost . | (2) |
|---|-----|
| | |
| (ii) State one example of a semi-fixed cost. | (1) |
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| (e) Evaluate the possibility of buying an 18-seat minibus instead of the 52-seat coach | . (6) |
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| (Total for Question 3 = 30 ma | arks) |



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If you answer Question 4, put a cross in the box $\ \square$. Source material for Question 4 is on pages 10 and 11 of the Source Booklet.

(a) Explain \boldsymbol{two} reasons why existing shareholders were given shares in the new

| | company, Good Meals plc, and not paid cash for their shares. | (4) |
|---|--|-----|
| 1 | | |
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| | (b) Calculate the purchase consideration paid by Good Meals plc. | |
| | | (3) |
| | | (3) |
| | | (3) |
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| (c) Prepare, in the books of Tastee Burgers plc, the: | | | |
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| (i) Realisation Account | (7) | | |
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| (ii) Sundry Shareholders Account. | (6) |
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| (d) Explain two reasons why companies may wish to merge. | (4) |
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| (e) Evaluate the decision of the directors of Good Meals plc, to tak assets and liabilities at book value. | se over all of the (6) |
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| (Total for 0 | Question 4 = 30 marks) |



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.

5 (a) Prepare a Revenue budget for Green Sea Gas plc, showing revenue in pounds (£s), for each of the four months September to December 2025.

(8)

| Revenue Budget | Sept | Oct | Nov | Dec |
|-----------------------------------|------|-----|-----|-----|
| Weekly usage per customer | | | | |
| Monthly usage per customer | | | | |
| Price per unit | | | | |
| Monthly usage charge per customer | | | | |
| Daily fixed charge per customer | | | | |
| Monthly fixed charge per customer | | | | |
| Monthly total charge per customer | | | | |
| Number of customers | | | | |
| Revenue | | | | |
| Workings | | | | |
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| (b) Dranaus an Inventory by de- | | Can ala fay an ala | - £ + b - £ | |
|--|------|--------------------|-------------|-----|
| (b) Prepare an Inventory budg September to December 29 each month. | | | | |
| Inventory Budget | Sept | Oct | Nov | Dec |
| Weekly usage per customer | | | | |
| Number of customers | | | | |
| Units required for inventory | | | | |
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(c) Prepare an extract from the Cash budget for Green Sea Gas plc for **each** of the four months September to December 2025, to show payments made to the gas supplier.

(12)

| Cash Budget extract | Aug | Sept | Oct | Nov | Dec |
|---|-----|------|-----|-----|-----|
| Monthly usage per customer (units) | | | | | |
| Inventory requirement per customer (units) | | | | | |
| Inventory increase per customer (units) | | | | | |
| Total required for month per customer (units) | | | | | |
| Number of customers | | | | | |
| Price per unit | | | | | |
| Gross charge for month | | | | | |
| Charge to be paid this month | | | | | |
| Less Discount Applied | | | | | |
| Amount Paid | | | | | |
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| by the supplier, from the point of view | of dieen sea das pic. | | (6) |
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| | (Total for | Question 5 = 30 m | arks) |



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| If you answer Question 6, put a cross in the box $ igtiis $. | |
|--|----------|
| Source material for Question 6 is on pages 14 and 15 of the Source | Booklet. |
| (a) Customers owed £76 000 at the start of the year. | |
| (i) Calculate the amount customers owed at the end of the year. | (2) |
| | |
| Suppliers were owed £39 000 at the end of the year. | |
| (ii) Calculate the amount suppliers were owed at the start of the year. | (2) |
| | |
| (iii) State two reasons why Red Jupiter Media plc would sell a tangible | |
| non-current asset. | (2) |
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| (iv) | Calculate the book value of the equipment when sold. | |
|------|---|-----|
| | | (3) |
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| (v) | Explain why an adjustment for the depreciation charge is added in a Statement of Cash Flows. | |
| | | (2) |
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| (vi) | Explain one difference between a Statement of Cash Flows and a cash budget. | |
| | | (2) |
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| At 1 April 2024, Red Jupiter Media plc had an overdraft of £14 000 | |
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| (vii) Calculate the cash balance the company had at this date. | (2) |
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| At 31 March 2025, Red Jupiter Media plc had £62 000 cash. | |
| (viii) Calculate the movement on the bank balance during the year. | (4) |
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| The ordinary shares issued in the year qualified for the interir | n dividend paid. | | |
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| (ix) Calculate the percentage of the interim dividend. | | | |
| | (5) | | |
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| Evaluate whether Adhira should invest in Red Jupiter Media plc. | | |
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| | (Total for Question 6 = 30 marks) | |
| | TOTAL FOR SECTION B = 90 MARKS TOTAL FOR PAPER = 200 MARKS | |



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Pearson Edexcel International Advanced Level

Friday 23 May 2025

Afternoon (Time: 3 hours)

Paper reference

WAC12/01

Accounting

International Advanced Level

UNIT 2: Corporate and Management Accounting

Source Booklet

Do not return this Booklet with the question paper.

Turn over ▶





SECTION A

Answer BOTH questions in this section.

1 Metropolis Traffic plc is a company that will install and operate a traffic system for a large city. The system will be used to capture on camera motor vehicles that are driven in the city but do not meet the environmental regulations of the city. The owners of the motor vehicles will be charged for driving in the city.

The contract to operate the system will be for five years.

The cost of setting up the traffic system will be £4 000 000 (£4 million).

The finance director must choose between two possible options to finance the project.

Option A – a bank loan for the full £4 000 000, at an interest rate of 11% per year.

Option B – a funding package from a range of sources. The details are shown below.

| Option B | £ | Interest rate/ Expected return |
|-------------------|-----------|-----------------------------------|
| Government loan | 800 000 | 17.5% |
| Debenture | 1 200 000 | 15% |
| Preference shares | 500 000 | 7% |
| Ordinary shares | 1 500 000 | 3% |
| Total | 4 000 000 | |



Required

(a) Calculate the weighted average cost of capital of Option B.

(6)

(b) Identify the appropriate option to finance the project, giving a reason for your choice.

(2)

The following information applies to the forecast revenue of the project.

- (1) The city has a population of 800 000
- (2) 35% of the population of the city have a motor vehicle.
- (3) 6% of the motor vehicles will have to pay the charge because they do not meet the environmental regulations.
- (4) Motor vehicles not meeting the regulations are expected to make two journeys per week.
- (5) There are 50 weeks in a year.
- (6) The charge for a motor vehicle that does not meet regulations will be £5.00 per journey.

The following information applies to the forecast costs of the project.

Capital costs

- (1) There will be 200 cameras installed in the city.
- (2) The cost of buying and installing a camera will be £12 000 per camera.
- (3) Cameras will be depreciated over five years.
- (4) The computer system to control the operation will cost £1 600 000
- (5) The computer system will be depreciated over five years.

Other costs

- (1) Maintenance of the cameras will be £750 per camera per year.
- (2) Office rental cost will be £22 000 per month.
- (3) Staff costs will be £110 000 per month.
- (4) Electricity costs will be £19 000 per month.
- (5) 50% of revenue will be paid to the city council as a licence fee.
- (6) All other costs will total £750 000 per year.

A table showing the discount factors is given.

| Year | 8% | 9% | 10% | 11% | 12% | 13% |
|------|-------|-------|-------|-------|-------|-------|
| 1 | 0.926 | 0.917 | 0.909 | 0.901 | 0.893 | 0.885 |
| 2 | 0.857 | 0.842 | 0.826 | 0.812 | 0.797 | 0.783 |
| 3 | 0.794 | 0.772 | 0.751 | 0.731 | 0.712 | 0.693 |
| 4 | 0.735 | 0.708 | 0.683 | 0.659 | 0.636 | 0.613 |
| 5 | 0.681 | 0.650 | 0.621 | 0.593 | 0.567 | 0.543 |

Required

(c) Calculate the net present value of the project at the end of year five.

(22)

(d) Calculate the average rate of return of the project, stating the formula used.

(9)

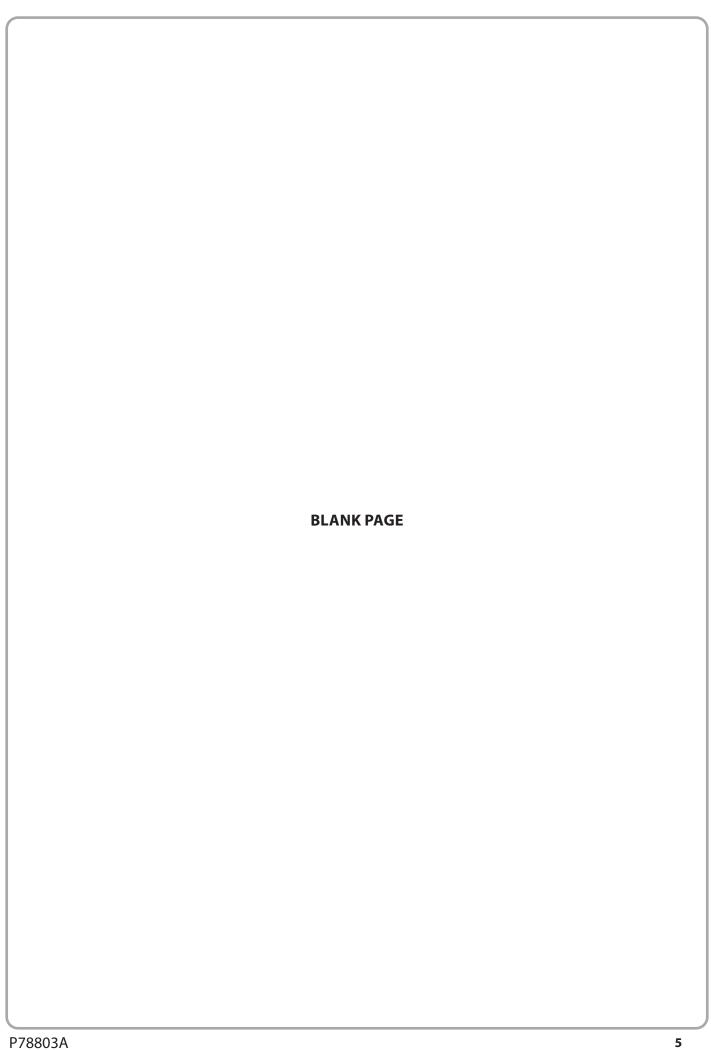
(e) Calculate the profitability index of the project, stating the formula used.

(4)

(f) Evaluate the project from the point of view of Metropolis Traffic plc.

(12)

(Total for Question 1 = 55 marks)



2 (a) (i) State **two** examples of revenue reserves found in a company's accounts.

(2)

(ii) State how a revenue reserve is created.

(1)

(iii) State **two** uses of revenue reserves.

(2)

(b) (i) State **two** examples of capital reserves, other than share capital, found in a company's accounts.

(2)

(ii) State how **each** of the reserves given in part (b)(i) is created.

(4)

(iii) State **one** use of **each** of the capital reserves given in part (b)(i).

(2)

Depma Industrials plc is a company trading in building materials.

On 1 April 2024, at the start of the financial year, the following balances were in the books of Depma Industrials plc.

£

| £1 Ordinary share capital | 50 000 000 |
|-----------------------------------|------------|
| Share premium reserve | 40 000 000 |
| Retained earnings reserve | 21 375 000 |
| General reserve | 2 000 000 |
| 4.5% redeemable preference shares | 5 000 000 |

There had been only one issue of shares by Depma Industrials plc.

On 1 May 2024, the directors decided to redeem 15% of the £1 ordinary shares at the present market value of £1.80 per share.

Required

(c) Prepare the Journal entries to show the redemption as recorded in the books.

Dates and narratives are **not** required.

(6)

(d) Explain:

(i) **two** advantages to a company of redeeming ordinary shares

(4)

(ii) **two** disadvantages to a company of redeeming ordinary shares.

(4)

On 4 May 2024, the dividend for the half-year ending 31 March 2024 was paid to the redeemable preference shareholders.

(e) Prepare the Journal entries to show the dividend payment to redeemable preference shareholders as recorded in the books.

Dates and narratives are **not** required.

(6)

On 4 November 2024, the dividend for the half-year ending 31 September 2024 was paid to the redeemable preference shareholders.

The directors decided, in March 2025, to use **all** of the balance left in Retained earnings to pay a final dividend to remaining ordinary shareholders.

(f) Calculate the dividend per share paid to remaining shareholders in March 2025.

(10)

(g) Evaluate the decision of the directors to use **all** of the balance left in Retained earnings to pay a final dividend to remaining ordinary shareholders.

(12)

(Total for Question 2 = 55 marks)

TOTAL FOR SECTION A = 110 MARKS

SECTION B

Answer THREE questions from this section.

3 Seaside Coaches Limited is considering buying a 52-seat coach to provide tours of the coast.

The following information is available.

- The coach will make five tours a week for 36 weeks of the year.
- The fare will be £19 per passenger per tour. The coach will carry an average of 35 passengers per tour.
- The coach will be bought for £48 000 using a three-year loan from the bank. Monthly repayments on the loan will be £1 650 for 12 months per year.
- Fuel costs are estimated to be £5 per passenger per tour.
- Insurance costs for the coach will be £5 400 per year.
- Road tax for the coach will be £420 per year.
- Drivers will be paid £105 for every tour made. This is to be treated as a variable cost.
- The coach will need to be serviced three times a year. Each service will cost £350
- Administration costs for the coach will be £12 600 per year.

Required

(a) Calculate the number of **passengers** Seaside Coaches Limited needs each year to break-even.

(11)

(b) Calculate the number of **tours** Seaside Coaches Limited needs to make each year to break-even, based on an average of 35 passengers per tour.

(2)

- (c) Calculate the margin of safety:
 - (i) in pounds (£)

(5)

(ii) as a percentage of sales.

(3)



| (d) (i) Explain the term semi-fixed cost . | (2) |
|--|----------|
| (ii) State one example of a semi-fixed cost. | (1) |
| Seaside Coaches Limited is also considering the possibility of buying an 18-seat minibus instead of a 52-seat coach, to provide tours of the coast. | |
| (e) Evaluate the possibility of buying an 18-seat minibus instead of the 52-seat co | each. |
| (Total for Question 3 = 30 |) marks) |
| | |
| | |
| | |

4 The directors of Tastee Burgers plc and SnakTime plc decided to merge to form a new company. The new company is to be called Good Meals plc. The new company was formed on 1 April 2025.

The statement of financial position of Tastee Burgers plc on 31 March 2025 was as follows.

| | £(| 000 |
|-------------------------------|--------------|--------------|
| Assets | | |
| Non-current assets | | |
| Property, plant and equipment | 3 136 | |
| Fixtures and fittings | 209 | |
| Computer systems | 72 | |
| Motor vehicles | <u>55</u> | |
| | | 3 472 |
| Current assets | | |
| Inventories | 75 | |
| Trade receivables | 16 | |
| Bank | 49 | |
| Cash | <u>35</u> | |
| | | <u>175</u> |
| Total Assets | | <u>3 647</u> |
| Equity and liabilities | | |
| Equity | | |
| Ordinary shares of £1 each | 900 | |
| Share premium | 900 | |
| Retained earnings | 242 | |
| General reserve | <u>350</u> | |
| Total Equity | | 2 392 |
| Non-current liabilities | | |
| Mortgages | <u>1 038</u> | |
| | | 1 038 |
| Current liabilities | | |
| Trade payables | <u>217</u> | |
| | | 217 |
| Total Liabilities | | <u>1 255</u> |
| Total Equity and Liabilities | | <u>3 647</u> |

Good Meals plc purchased all of the assets and liabilities of Tastee Burgers plc and SnakTime plc at book value.



Required

(a) Explain **two** reasons why existing shareholders were given shares in the new company, Good Meals plc, and not paid cash for their shares.

(4)

Good Meals plc settled the purchase consideration by issuing shares in Good Meals plc to the shareholders of Tastee Burgers plc on the following terms.

For every one share held in Tastee Burgers plc, shareholders received four ordinary shares of 50 pence (£0.50) each in Good Meals plc, with a premium of 30 pence (£0.30) for each share.

(b) Calculate the purchase consideration paid by Good Meals plc.

(3)

- (c) Prepare, in the books of Tastee Burgers plc, the:
 - (i) Realisation Account

(7)

(ii) Sundry Shareholders Account.

(6)

(d) Explain **two** reasons why companies may wish to merge.

(4)

(e) Evaluate the decision of the directors of Good Meals plc to take over all of the assets and liabilities at book value.

(6)

(Total for Question 4 = 30 marks)

5 Green Sea Gas plc is a company that is to start supplying gas to the western area of the country in August 2025. It buys gas supplies from a producer of North Sea gas. In order to ensure a supply of gas to customers, Green Sea Gas plc must arrange purchases in advance.

The budgets for August 2025 have already been prepared. The company is now going to prepare budgets for the period September to December 2025.

The following information has been provided for the period September to December 2025.

- There are 285 000 customers in September and October.
- The number of customers is expected to rise by 10 000 in November.
- The number of customers is expected to rise by a further 10 000 in December.
- The price of gas to customers is 7 pence (£0.07) per unit.
- Weekly usage per customer is shown below.

| Month | September | October | November | December |
|---------------------------|-----------|-----------|-----------|-----------|
| Weekly usage per customer | 400 units | 500 units | 625 units | 750 units |

- Each customer must pay a fixed charge of 22 pence (£0.22) per day for use of the company's pipeline and equipment.
- There are four weeks in a month.
- The company's fixed charges are calculated using 28 days in one month.

Required

(a) Prepare a Revenue budget for Green Sea Gas plc, showing revenue in pounds (£s), for each of the four months September to December 2025.

(8)

Green Sea Gas plc must hold a one-week supply of gas.

(b) Prepare an Inventory budget for Green Sea Gas plc, for each of the four months September to December 2025, showing the inventory in units on the first day of each month.

(4)

The following information is supplied for the Cash budget for Green Sea Gas plc.

- Each unit of gas will be purchased for 4 pence (£0.04) per unit.
- Delivery of gas for sale in the week, or for inventory, takes place on the first day of the week.
- Green Sea Gas plc is allowed one month's credit by the gas producer.
- Green Sea Gas plc takes advantage of the credit terms offered.
- Gas used in August per customer rose by 25% to give the usage per customer in September.
- In August, customers numbered 280 000
- The number of customers in January 2026 is expected to be the same as the number in December 2025.
- Green Sea Gas plc will receive a 2% discount if the bill from the gas supplier for the month is over £18 000 000
- Green Sea Gas plc will receive a 3% discount if the bill from the gas supplier for the month is over £25 000 000

Required

(c) Prepare an extract from the Cash budget for Green Sea Gas plc, for **each** of the four months September to December 2025, to show payments made to the gas supplier.

(12)

(d) Evaluate the credit terms received by Green Sea Gas plc, and the discount allowed by the supplier, from the point of view of Green Sea Gas plc.

(6)

(Total for Question 5 = 30 marks)

6 The Statement of Cash Flows for Red Jupiter Media plc has been drawn up according to International Accounting Standard 7 (IAS7) and is shown below.

| | £ | £ |
|--|------------|-------|
| Cash flows from operating activities | 000's | 000's |
| Profit from operations after interest | 151 | |
| Add bank overdraft interest | 3 | |
| Add bank loan interest | 12 | |
| Add depreciation on non-current assets | 273 | |
| Add loss on sale of non-current asset | 13 | |
| Operating cash flow before working capital changes | 452 | |
| Increase in inventories | (53) | |
| Decrease in trade receivables | 28 | |
| Increase in trade payables | 19 | |
| Cash generated from operations | 446 | |
| Less interest paid: Bank overdraft | (3) | |
| Bank loan | (12) | |
| Less tax paid | (176) | |
| Net cash from operating activities | | 255 |
| Cash flows from investing activities | | |
| Payments to purchase tangible non-current assets | (164) | |
| Proceeds from sale of tangible non-current assets | 39 | |
| Payments to purchase shares in other companies | (11) | |
| Dividends received from shares in other companies | <u>3</u> | |
| Net cash used in investing activities | | (133) |
| Cash flows from financing activities | | |
| Issue of ordinary shares | 60 | |
| Dividends paid: Final 2024 | (15) | |
| Interim 2025 | (6) | |
| Preference | <u>(9)</u> | |
| Net cash from financing activities | | 30 |
| Net increase in cash and cash equivalents | | 152 |
| Cash and cash equivalents at the beginning of the year | | 46 |
| Cash and cash equivalents at the end of the year | | 198 |



Adhira has been given a copy of the Statement of Cash Flows for Red Jupiter Media plc for the year ended 31 March 2025. She is thinking of investing in this company but requires some more information.

Required

| (a) | Customers | owed £76 | 000 at the | start of the year. |
|-----|-----------|----------|------------|--------------------|
|-----|-----------|----------|------------|--------------------|

(i) Calculate the amount customers owed at the end of the year.

(2)

Suppliers were owed £39 000 at the end of the year.

(ii) Calculate the amount suppliers were owed at the start of the year.

(2)

(iii) State **two** reasons why Red Jupiter Media plc would sell a tangible non-current asset.

(2)

One item of equipment was the only non-current asset sold in the year.

(iv) Calculate the book value of the equipment when sold.

(3)

(v) Explain why an adjustment for the depreciation charge is **added** in a Statement of Cash Flows.

(2)

(vi) Explain **one** difference between a Statement of Cash Flows and a cash budget.

(2)

At 1 April 2024, Red Jupiter Media plc had an overdraft of £14 000

(vii) Calculate the cash balance the company had at this date.

(2)

At 31 March 2025, Red Jupiter Media plc had £62 000 cash.

(viii) Calculate the movement on the bank balance during the year.

(4)

The final dividend paid for 2024 was 6.25%

The ordinary shares issued in the year qualified for the interim dividend paid.

(ix) Calculate the percentage of the interim dividend.

(5)

(b) Evaluate whether Adhira should invest in Red Jupiter Media plc.

(6)

(Total for Question 6 = 30 marks)

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

