| Candidate Name: | Class: | Index No.: |
|-----------------|--------|------------|
| | | |



FUHUA SECONDARY SCHOOL

Secondary 4 Express/5 Normal Academic PRELIMINARY EXAMINATION 2024

4E5N

Fuhua Secondary School Fuhua Secondary School

PRINCIPLES OF ACCOUNTS

7087/01

Paper 1

DATE 27 August 2024

TIME 1000 – 1100

DURATION 1 hour

MATH STUDIO

READ THESE INSTRUCTIONS FIRST

Write your class, index number and name in the spaces at the top of this page.

Write in dark blue or black pen.

You may use an HB pencil for any diagrams or graphs.

Do not use staples, paper clips, glue or correction fluid.

Answer **all** the questions.

The use of an approved scientific calculator is allowed.

The number of marks is given in brackets [] at the end of each question or part question.

| FOR EXAMINER'S USE | PARENT'S SIGNATURE |
|--------------------|--------------------|
| / 40 marks | |

Setter: Mr Tan Boon Teck Vetters: Mr Sun Daojun &

Ms Diana Lim

This document consists of 9 printed pages and 1 blank page.

Answer **all** questions.

1 The cash at bank account of Candy Ltd for the month of August 2022 is below.

| Cash at bank account | | | | |
|----------------------------------|--|---------|---------|--------------|
| Date | Particulars | Dr (\$) | Cr (\$) | Balance (\$) |
| 2022 | | | | |
| Aug 1 | Balance b/d | | | 5 980 Dr |
| 3 | Salaries (cheque 116) | | 1 230 | 4 750 Dr |
| 7 | Inventory (cheque 117) | | 3 120 | 1 630 Dr |
| 10 | Trade payable – Bonbon Sweets (cheque 118) | | 1 410 | 220 Dr |
| 18 | Trade receivable – Megan | 80 | | 300 Dr |
| 22 | Sales revenue | 807 | | 1 107 Dr |
| 27 | Trade payable – Kit Kat | | 680 | 427 Dr |
| | (cheque 121) | | | |
| 31 Trade receivable – BK Trading | | 300 | | 727 Dr |
| MATH STUDIO | | | | |

Candy Ltd received the bank statement dated 31 August 2022 as follows:

| Bank Statement | | | | | | | |
|----------------|---|-------|-------|----------|--|--|--|
| Date | Date Particulars Withdrawal Deposit Balance | | | | | | |
| 2022 | | \$ | \$ | \$ | | | |
| Aug 1 | Balance b/d | | | 5 130 Cr | | | |
| 2 | Cheque (Café Z) | | 1 510 | 6 640 Cr | | | |
| 3 | Cheque 114 | 660 | | 5 980 Cr | | | |
| 5 | Cheque 116 | 1 230 | | 4 750 Cr | | | |
| 5 | Credit transfer – Mr Lim | | 950 | 5 700 Cr | | | |
| 9 | Cheque 117 | 3 120 | | 2 580 Cr | | | |
| 10 | Standing order: rental | 1 200 | | 1 380 Cr | | | |
| 11 | Cheque 118 | 1 410 | | 30 Dr | | | |
| 20 | Cheque (Megan) | | 80 | 50 Cr | | | |
| 22 | Cash | | 807 | 857 Cr | | | |
| 24 | Dishonoured cheque (Megan) | 80 | | 777 Cr | | | |
| 31 | Interest earned | | 12 | 789 Cr | | | |

REQUIRED

| Compare the opening balances on 1 August 2022 in the cash at ba account and bank statement. Assuming there are no errors, explain why t balances differ. | |
|--|--|
| | |
| | |
| | [2] |
| Update the cash at bank account for month of August 2022. | |
| 5107 | |
| MATH STUDIO | |
| | |
| | |
| | [4] |
| Prepare the bank reconciliation statement as at 31 August 2022. | |
| | |
| | |
| | |
| | |
| | |
| | [3] |
| | account and bank statement. Assuming there are no errors, explain why t balances differ. Update the cash at bank account for month of August 2022. Prepare the bank reconciliation statement as at 31 August 2022. |

| d) Candy Ltd's unadjusted profit for Auເ djusted profit for the month after the adj nade. | _ | |
|--|-----------------|--------------|
| | | |
| | | |
| | | |
| | | |
| | | [|
| | | |
| | | [Tota |
| 0] | | |
| | | |
| The following balances were taken from | Jolly Bookshop. | |
| • | | |
| 510 | 30 June 2020 | 30 June 2021 |
| | \$ | \$ |
| Machinery (net book value) MATHS | TUDIO 31 000 | 45 000 |
| Inventory | 6 500 | 17 800 |
| Trade receivables | 11 000 | 11 400 |
| Trade payables | 11 700 | 18 680 |
| Cash in hand | 5 450 | 2 560 |
| Cash at bank | 9 800 | (3 400) |
| Prepaid advertising expenses | - | 1 700 |
| General expenses payable | 730 | 980 |
| Rental income received in advance | 900 | 1 020 |
| | | |
| EQUIRED | | |
| a) Calculate the following ratios as at 30 . | June 2021. | |
| .,, - aaa a ag . aa. a a. | | |
| (i) Current ratio | | |
| | | |
| | | |
| | | |
| | | _ |
| | | [|
| | | |
| (ii) Quick ratio | | |

| [2 | 2] |
|---|----------|
| lolly Bookshop's current ratio and quick ratio as at 30 June 2020 were: | • |
| Current ratio 2.46 : 1 Quick ratio 1.97 : 1 | |
| REQUIRED | |
| b) Compare and comment on the changes in liquidity position over the two yended 30 June 2020 and 2021. | ears/ |
| | |
| | |
| 51U/ MATH STUDIO | |
| | |
| | |
| | |
| | _[5] |
| c) State one consequence that a business might face due to declining liquidity. | |
| | [1] |
| d) Suggest two measures that a business can take to improve its liquidity. | |
| | |
| | _[2] |

[Total:12]

| 3 (| Эn | 1 Sept | ember 2022, | Seasons Pte | Ltd provided | the following l \$ | balances. |
|-----------|-------------|---------|----------------------------------|---|---------------------------|-----------------------|-------------|
| | | | e capital, 100 (ned earnings | 000 ordinary s | hares | 500 000 28 000 | |
| Th | e fo | llowing | g transactions | took place du | iring the year | ended 31 Au | gust 2022: |
| 202 Oc | | Divid | lends of \$0.02 | 2 per share we | ere declared | | |
| Ар | n 4 r 19 | The o | dividends ded | re issued at \$ clared on 11 O was \$43 900 | | were paid | |
| RE | QU | IIRED | | 5 | \bigcirc | | |
| (a) | De | scribe | the following | features of a | STUDIO private limited | d company. | |
| | (i) | Lifespa | an | | | | |
| | | | | | | | [1] |
| | (ii) | Liabili | ity | | | | |
| | | | | | | | [1] |
| (b) | Pre | | | s without narr | | ord: | |
| | ` ' | | | nds on 19 Apri | | | |
| | | | | Joi | ırnal | | |
| | ate | ; | Particulars | | | Debit (\$) | Credit (\$) |
| | | | | | | | |
| | | | | | | | |

| Journal | | | | |
|---------|-------------|------------|-------------|--|
| Date | Particulars | Debit (\$) | Credit (\$) | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| (c) Prepare the retained earnings account for the year ended 31 August 2023. |
|---|
| |
| |
| |
| |
| [3] |
| (d) Prepare an extract of the statement of financial position as at 31 August 2023 showing only the equity section . |
| MATHSTODIO |
| |
| |
| |
| [2] |

[Total:11]

| 4 | On 1 January 2022 Fe | elix Trading purd | chased a deliv | ery truck and | d paid the | following |
|----|----------------------|-------------------|----------------|---------------|------------|-----------|
| by | / cheque: | | | | | |

| | \$ |
|------------------------|--------|
| Cost of delivery truck | 70 000 |
| Import tax | 6 500 |
| Freight charges | 1 400 |
| Annual road tax | 700 |
| Petrol | 100 |

REQUIRED

| (a) |) Exp | lain t | the | mean | ing | of t | he t | fol | low | ing | terms: |
|-----|-------|--------|-----|------|-----|------|------|-----|-----|-----|--------|
|-----|-------|--------|-----|------|-----|------|------|-----|-----|-----|--------|

| | 507 | |
|--------------------------|-------------|--|
| (ii) Revenue expenditure | MATH STUDIO | |
| (, | | |
| | | |

____[1]

(c) Prepare journal entries **without** narrations to record the above expenditures.

| | Journal | | |
|------|-------------|------------|-------------|
| Date | Particulars | Debit (\$) | Credit (\$) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| L | | I | |

(d) At the end of the financial year, Felix Trading received an invoice of \$300 for repairs to the delivery truck.

State how the following will be affected when the motor vehicle repairs \$300 is recorded as capital expenditure. Indicate the effect and amount.

| | | Effect | Amount |
|------|-----------------------|--------|--------|
| (i) | Profit for the period | | |
| (ii) | Non-current assets | | |

[2]

[Total: 7]



END OF PAPER

BLANK PAGE



Table of specifications 4EP1

| | Topic | AO1 Knowledge & Comprehension | AO2 Application | AO3 Analysis & Synthesis | AO4 Evaluation | Total |
|--------|-------------------------|-------------------------------------|--------------------|--------------------------|-------------------|-------|
| Q1 | Bank reconciliation stm | 4 | 3 | 2 | 1 | 10 |
| Q2 | Ratios | 4 | 3 | 3 | 2 | 12 |
| Q3 | Equities (PLC) | 3 | 3 | 3 | 2 | 11 |
| Q4 | Non-current assets | 2 | 2 | 2 | 1 | 7 |
| Total | | 13% | 11% | 10% | 6% | 40% |
| SEAB r | ecommendation | 15% | 10% | 10% | 5% | 40% |



4E P1 Answers

Candy Ltd

- **1 (a)** The difference \$850 (\$5980 \$5130) is due to:
- (i) A deposit of \$1510 (cheque from Café Z) which the bank recorded (in bank statement) on Aug 2 had already been recorded by Candy Ltd in CAB in July.
- (ii) A payment of \$660 (cheque 114) recorded by the bank on Aug 3 had already been recorded by Candy Ltd in July.

| 1(b) Cash at bank account (Updated) | | | | | | |
|-------------------------------------|---------------------------|---------|---------|--------------|--|--|
| Date | Particulars | Dr (\$) | Cr (\$) | Balance (\$) | | |
| 2022 | | | | | | |
| Aug 31 | Balance b/d | | | 727 Dr | | |
| | Trade receivable – Mr Lim | 950 | | 1 677 Dr | | |
| | Rental expense | | 1 200 | 477 Dr | | |
| | Trade receivable - Megan | | 80 | 397 Dr | | |
| | Interest income | 12 | | 409 Dr | | |
| | | | | | | |
| Sep 1 | Balance b/d | 7 | | 409 Dr | | |

| 1(c) Bank reconciliation statement as at 31 August 2022 | | | | | |
|---|-------|--|--|--|--|
| | | | | | |
| Balance as per bank statement (Cr) | 789 | | | | |
| Add: Deposits in transit | | | | | |
| BK Trading | 300 | | | | |
| Less: Cheques not yet presented | | | | | |
| Kit Kat | (680) | | | | |
| Adjusted balance as per CAB | 409 | | | | |

MATH STUDIO

| 1(d) Statement of adjusted profit for August 2022 | |
|---|--------|
| Unadjusted profit | 10 000 |
| Less: rental expenses | (1200) |
| Add: interest income | 12 |
| Adjusted profit | 8 812 |

Jolly Bookshop

| 2(a) | | |
|-------------------|---|----------|
| Ratio | Workings | Answer |
| (i) current ratio | Current assets Current liabilities | 1.39 : 1 |
| | CA=(17800+11400+2560+1700) = 33 460 CL=(18680+3400+980+1020). = 24 080 | |
| (ii) quick ratio | Current assets – Inventory-Prepayments Current liabilities | 0.58 : 1 |
| | (CA – 17800 – 1700) = 13 960 | |

| | CL = 24 080 | |
|-----|-------------|--|
| I . | | |

2(b)

Current ratio

Current ratio has deteriorated (worsened) from 2.46 (2020) to 1.19 (2021).

Meaning: In 2020, for every \$1 CL owed, Jolly Bookstore had available \$2.46 to pay. In 2021, for every \$1 CL, amount available has dropped to \$1.19.

Ideal ratio is 2:1.

Causes:

- CAB has decreased from \$9800 to \$3400 overdraft.
- TP has increased from \$11700 to \$18680.

Quick ratio

Similarly quick ratio has also worsened from 1.97 (2020) to 0.58 (2021).

Meaning: In 2020, for every \$1 CL owed, there was available \$1.97 <u>quick</u> assets to pay but this dropped to \$0.58 in 2021. This means that Jolly Bookshop is having difficulty in paying any short-term debts eg salaries, supplies that must be paid quickly.

Causes: Cash is tied up in inventory which has increased from \$6500 to \$17800.

Conclusion: Jolly Bookshop's liquidity has weakened over the 2 years 2020 to 2021.

2(c) Consequences:

- Not enough cash to pay for day to day business expenses eg suppliers, salaries, utilities. Subsequent loss of reputation as a good paymaster among suppliers, employees.

MATH STUDIO

- Loss of opportunities due to shortage of cash eg to take advantage of cash discount by paying early

2(d) Measures to improve liquidity:

- Owner contributes additional cash as capital
- Arrange with bank for a long-term loan
- Sell excess NCA

Seasons Pte Ltd

3(a)(i) Lifespan: exists forever until wound up or struck off.

(ii) Liability: shareholders enjoy limited liability that is they need not pay company debts using their personal assets. Max amount a shareholder will lose is their investment.

| | 3(b) Journal | | | | | |
|-------------|-------------------------------|-------|-------|--|--|--|
| Date | Particulars | Dr | Cr | | | |
| 2022 | | | | | | |
| (i) Oct 11 | Dividends | 2 000 | | | | |
| | Dividends payable (0.02x100k) | | 2 000 | | | |
| 2023 | | | | | | |
| (ii) Apr 19 | Dividends payable | 2 000 | | | | |
| | CAB | | 2 000 | | | |

| 3(c) Retained earnings a/c | | | | | | |
|-----------------------------------|-------------|---------|---------|--------------|--|--|
| Date 2022 | Particulars | Dr (\$) | Cr (\$) | Balance (\$) | | |
| Sep 1 2023 | Balance b/d | | | 28 000 Cr | | |
| Aug 31 | Dividends | 2 000 | | 26 000 Cr | | |

Income summary 43 900 69 900 Cr

Sep 1 Balance b/d

69 900 Cr

3(d) Seasons Pte Ltd

Statement of financial position as at 31 August 2023 (extract)

Equity & Liabilities

\$

Shareholders' equity

Share capital, 120 000 ordinary shares

600 000 69 900

Retained earnings

669 900

Felix Trading

4(a)(i) Capital expenditure refers to the cost to buy and bring a non-current asset to its intended use. It provides benefits that last for more than one financial period.

4(a)(i) Revenue expenditure refers to the costs to operate, repair and maintain the NCA in working condition. It provides benefits that last up to one financial period.

4(b) Calculate the cost of the delivery truck. ATH STUDIO

Cost = (70k + 6500 + 1400) = \$77900

| 4(c) Journal | | | |
|--------------|-------------------------------|--------|--------|
| Date | Particulars | Dr | Cr |
| 2022 | | | |
| Jan 1 | Motor vehicles | 77 900 | |
| | CAB | | 77 900 |
| | | | |
| Jan 1 | Road tax (m/vehicle expenses) | 700 | |
| | CAB | | 700 |
| | | | |
| Jan 1 | Petrol (m/vehicle expenses) | 100 | |
| | CAB | | 100 |

| | 4(d) | Effect | Amount |
|------|-----------------------|----------|--------|
| (i) | Profit for the period | O/stated | \$300 |
| (ii) | Non-current assets | O/stated | \$300 |

| Candidate Name: | Class: | Index No.: |
|-----------------|--------|------------|
| | | |



FUHUA SECONDARY SCHOOL

Secondary 4 Express/5 Normal Academic PRELIMINARY EXAMINATION 2024



Fuhua Secondary School Fuhua Secondary School

PRINCIPLES OF ACCOUNTS



7087/02

Paper 2 INSERT

DATE 26 August 2024

TIME 1000 - 1200

DURATION 2 hours

INSTRUCTIONS TO CANDIDATES

This insert contains the data for Question 1.

Setter: Mr Tan Boon Teck Vetters: Mr Sun Daojun & Ms Diana Lim

This document consists of 3 printed pages and 1 blank page.

Data for Question 1

The following balances were extracted from the books of Urban Planners, an architecture firm, at 31 May 2022.

| | \$ |
|---|---------|
| Capital (1 June 2021) | 80 000 |
| Drawings | 1 900 |
| Equipment at cost | 60 000 |
| Accumulated depreciation of equipment | 24 000 |
| Fixtures and fittings at cost MATH STUDIO | 39 500 |
| Accumulated depreciation of fixtures and fittings | 6 200 |
| Premises at cost | 96 000 |
| Architect fees | 136 680 |
| Bank loan repayable 31 December 2025 | 15 000 |
| Cash at bank | 18 000 |
| Cash in hand | 7 800 |
| Discount allowed | 1 040 |
| Rent income | 7 200 |
| Trade receivables | 12 000 |
| Allowance for impairment of trade receivables | 100 |
| Utilities | 3 340 |
| Salaries | 29 600 |

Additional information:

- 1 Rent income included an amount \$1 200 which was for 3 months from 1 April 2022 to 30 June 2022.
- 2 Salaries amounting to \$3 400 were still owing at 31 May 2022.
- 3 \$820 cash payment for utilities was wrongly credited to cash at bank account.
- 4 Urban Planners reviewed its trade receivables and decided that 3% may not be collectible.
- 5 Depreciation is to be charged on the equipment at 40% on net book value.
- 6 Fixtures and fittings have a scrap value of \$8 500 and a useful life of 10 years.
- 7 No depreciation is to be charged on premises.
- 8 One-third of the bank loan is due for repayment on 31 December 2022.

BLANK PAGE



| Candidate Name: | Class: | Index No.: |
|-----------------|--------|------------|
| | | |



FUHUA SECONDARY SCHOOL

Secondary 4 Express/5 Normal Academic PRELIMINARY EXAMINATION 2024

4E5N

Fuhua Secondary School Fuhua Secondary School

PRINCIPLES OF ACCOUNTS

7087/02

Paper 2

DATE 26 August 2024

TIME 1000 – 1200

DURATION 2 hours

READ THESE INSTRUCTIONS FIRST

Additional Material: Insert for Question 1

Write your class, index number and name in the spaces at the top of this page.

Write in dark blue or black pen.

You may use an HB pencil for any diagrams or graphs.

Do not use staples, paper clips, glue or correction fluid.

Answer all the questions.

The use of an approved scientific calculator is allowed.

The number of marks is given in brackets [] at the end of each question or part question.

| FOR EXAMINER'S USI | PARENT'S SIGNATURE |
|--------------------------|--|
| / 60 mark | is . |
| Setter: Mr Tan Boon Teck | Vetters: Mr Sun Daojun & Ms Diana Lim |

Answer **all** questions.

1 Refer to the Insert for data for Question 1.

REQUIRED

| (a) | Prepare the statement of financial performance for the year ended 31 May 2022 |
|-----|--|
| | Urban Planners Statement of financial performance for the year ended 31 May 2022 |
| | Statement of infancial performance for the year ended 31 May 2022 |
| | |
| | |
| | 507 |
| | MATH STUDIO |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| · · · · · · · · · · · · · · · · · · · |
|---|
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| - |
| |
| |
| 5107 |
| |
| MATH STUDIO |
| WATTOTODIO |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| · · · · · · · · · · · · · · · · · · · |
| |
| |
| |
| |
| - |
| |
| |
| |
| |
| [7] |

(b) Prepare the statement of financial position as at 31 May 2022.

Urban Planners Statement of financial position as at 31 May 2022 MATH STUDIO

| 5107 | |
|-------------|-----|
| MATH STUDIO | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| [1 | 13] |

2 On 1 October 2020, Ernest Trading which has a financial year end on 31 December, took up a bank loan of \$40 000 at 5% per annum. The loan is to be repaid equally over four years. The loan instalment and interest are to be repaid on 30 September every year starting from 30 September 2021.

REQUIRED

(a) Prepare the journal entry to record the loan on 1 October 2020. A narration is **not** required.

| Date | Particulars | Debit (\$) | Credit (\$) |
|------|-------------|------------|-------------|
| | | | |
| | | | |
| | | | |
| | | | |

(b) Calculate the interest expense and interest expense payable for the **two** years ended 31 December 2020 and 2021. Show your workings.

| Year ended 31 December | Interest expense \$ | Interest expense payable \$ |
|---------------------------|------------------------|--------------------------------|
| 2020 | | |
| 2021 | | |

| [5 | 5] |
|--|------------|
| (c) Prepare an extract of the statement of financial position as at 31 December 202 showing only the liabilities section. | <u>?</u> 1 |
| | _ |
| | _ |
| | _ |
| | _ |
| [3 | - }1 |

[Total:10]

| Newman Agency is a rec | ruitment company v | vhich charges a | service 1 | fee to I | help |
|-------------------------------|------------------------|-------------------|-----------|----------|------|
| etrenched workers seek e | mployment. For the | e year ended | 30 June | 2021, | the |
| ousiness collected cash amo | ounting to \$14 400 fr | om its clients. T | his amou | nt inclu | ided |
| 3 100 for service to be provi | ided in July 2021. | | | | |

| | | \ I I | | _ | _ |
|---|----|----------------|----|---|---|
| ĸ | ヒし | JU. | IK | ᆮ | U |

| (b) Complete the following table to show how service fee revenue received advance is adjusted for the year ended 30 June 2021. Name of account | (a) Calculate | e the service fee revenue for the year end | ded 30 June 2021. |
|---|---------------|--|--------------------------------|
| (b) Complete the following table to show how service fee revenue received advance is adjusted for the year ended 30 June 2021. Name of account | | | |
| (b) Complete the following table to show how service fee revenue received advance is adjusted for the year ended 30 June 2021. Name of account | | | |
| (b) Complete the following table to show how service fee revenue received advance is adjusted for the year ended 30 June 2021. Name of account | | | |
| (b) Complete the following table to show how service fee revenue received advance is adjusted for the year ended 30 June 2021. Name of account | | | |
| (b) Complete the following table to show how service fee revenue received advance is adjusted for the year ended 30 June 2021. Name of account | | | |
| (b) Complete the following table to show how service fee revenue received advance is adjusted for the year ended 30 June 2021. Name of account | | | [2] |
| advance is adjusted for the year ended 30 June 2021. Name of account \$ | | 5107 | |
| Debit Credit (c) State the effect on profit for the year ended 30 June 2021 if adjustment in (I | | | |
| Credit [2 (c) State the effect on profit for the year ended 30 June 2021 if adjustment in (I | | Name of account | \$ |
| (c) State the effect on profit for the year ended 30 June 2021 if adjustment in (l | Debit | | |
| (c) State the effect on profit for the year ended 30 June 2021 if adjustment in (l | Credit | | |
| | | | [2] |
| | • • | · · · · · · · · · · · · · · · · · · · | June 2021 if adjustment in (b) |
| | | | [21 |

Below is Newman Agency's advertising account for the year ended 30 June 2021.

| Advertising expense account | | | | | | | | | |
|------------------------------------|-----------------------------|---------|---------|--------------|--|--|--|--|--|
| Date | Particulars | Dr (\$) | Cr (\$) | Balance (\$) | | | | | |
| 2020 | | | | | | | | | |
| Jul 1 | Prepaid advertising expense | 2 500 | | 2 500 Dr | | | | | |
| 2021 | | | | | | | | | |
| Apr 8 | Cash at bank | 7 400 | | 9 900 Dr | | | | | |
| Jun 30 Prepaid advertising expense | | | 1 900 | 8 000 Dr | | | | | |
| | Income summary | | 8 000 | - | | | | | |

REQUIRED

(d) Prepare journal entries to record the transactions on 1 July 2020, 8 April 2021 and 30 June 2021 including the closing entry. Narrations **are** required.

| Journal | | | | | | | | |
|---------|-------------|-------------|------------|-------------|--|--|--|--|
| Journal | | | | | | | | |
| Date | Particulars | MATH STUDIO | Debit (\$) | Credit (\$) | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| ` ' | | | | | advertising | • | • | | | Agency's |
|-------|-------|--------|----------|---------|--------------|------------|------------|------|------|------------|
| state | ement | of fin | ancial p | perfori | mance for th | e year end | ded 30 Jun | e 20 | 021. | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | [1] |
| | | | | | | | | | | L · J |
| | | | | | | | | | | [Total:15] |
| | | | | | | | | | | |

4 The following trade receivable account belonged to Alex Traders.

| | Trade receivable – Mario | | | | | | | | |
|--------|-----------------------------------|-------|--------|----------|--|--|--|--|--|
| Date | Particulars | Debit | Credit | Balance | | | | | |
| 2022 | | \$ | \$ | \$ | | | | | |
| Apr 1 | Balance b/d | | | 1 660 Dr | | | | | |
| Sep 20 | Sales revenue | 7 200 | | 8 860 Dr | | | | | |
| Sep 27 | Cash at bank | | 6 840 | 2 020 Dr | | | | | |
| Sep 27 | Discount allowed | | 360 | 1 660 Dr | | | | | |
| 2023 | MATHSTUDIC | | | | | | | | |
| Feb 28 | Allowance for impairment of trade | | 1 660 | - | | | | | |
| | receivables | | | | | | | | |

REQUIRED

| (a) | Interpret the above transactions that took place on the following dates: (i) 1 April 2022 | |
|-----|---|-----|
| | | [1] |
| | (ii) 20 September 2022 | |
| | | [1] |
| | (iii) 27 September 2022 | |
| | | [2] |
| | (iv) 28 February 2023 | [4] |
| | | [1] |

| (b) | Name and define the type of discount given on 27 September 2022. | |
|-----|--|-----------------|
| | | [2] |
| (c) | Calculate the percentage of discount given on 27 September 2022. | |
| | | Г1 ⁻ |

Due to the current difficult trading conditions, two of Alex Traders' credit customers have requested for a longer repayment period from 30 days to 40 days. Alex Traders can only grant credit extension to one of tghem.

Details are as follows:

| | Tom | Stephanie | |
|-----------------------|----------------------------|----------------------------|--|
| Business background | - has been operating for | - has been operating for 3 | |
| | 10 years | years | |
| | - has a physical store | - has an online store | |
| | - sells to local customers | - sells to both local and | |
| | | some overseas customers | |
| Annual sales revenue | \$150 000 | \$200 000 | |
| Average monthly trade | \$20 000 | \$12 000 | |
| receivable balance | | | |
| owed to Alex Traders | | | |
| History of repayment | - on average has repaid | - on average has repaid | |
| within past 12 months | within 25 days | within 35 days | |
| | - was late twice | - was late 5 times | |
| | | | |
| Business reputation | - received positive | - popular among customers | |
| | reviews from regular | who prefer its affordable | |
| | customers regarding | prices and wide range of | |
| | product quality and staff | products. | |
| | service | | |

| REQUIRED d) Using accounting raders should choose | | | |
|---|-------|-------|------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | MATHS | TUDIO | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

END OF PAPER

[7] [Total:15]

BLANK PAGE



4EP2 Table of specifications

| | Topic | AO1 Knowledge & Comprehension | AO2 Application | AO3 Analysis & Synthesis | AO4 Evaluation | Total |
|---------------------|-------------------------|-------------------------------------|--------------------|--------------------------------|-------------------|-------|
| Q1 | Financial statements | 4 | 7 | 6 | 3 | 20 |
| Q2 | Long-term borrowings | 2 | 3 | 3 | 2 | 10 |
| Q3 | Income & Expenses | 2 | 1 | 6 | 6 | 15 |
| Q4 | Trade receivables / SBQ | 3 | 3 | 5 | 4 | 15 |
| Total | | 11% | 14% | 20% | 15% | 60% |
| SEAB recommendation | | 10% | 15% | 20% | 15% | 60% |



4EP2 Mark Scheme

1 Urban Planners (Financial Statements)

| 1(a) Urban Planners | | | |
|---|--------|----------|--|
| Statement of financial performance for year ended 31 May 2022 | | | |
| Architect fees | | 136 680 | |
| Add: Other income | | | |
| Rent income (7200 – 400) | | 6 800 | |
| | | | |
| Less: Other expenses | | | |
| Discount allowed | 1 040 | | |
| Utilities | 3 340 | | |
| Salaries (29600 + 3400) | 33 000 | | |
| Impairment loss on trade receivables (360 – 100) (w1) | 260 | | |
| Depreciation on equipment (36k x 0.4) | 14 400 | | |
| Depreciation on furniture and fittings (39500-8500)/10 | 3 100 | (55 140) | |
| Profit for the year | | 88 340 | |

(w1) $IL = (rate \ x \ old \ TR) - (old \ allowance)$

| MATH | STUDIO | | | |
|---|--------|--------------|----------------|--|
| 1(b) Urban | | | | |
| Statement of financial position as at 31 May 2022 | | | | |
| Assets | Cost | Accumulated | Net Book | |
| Non-current assets | | Depreciation | Value | |
| Equipment (24k + 14400) | 60 000 | (38 400) | 21 600 | |
| Fixtures and fittings (6200 + 3100) | 39 500 | (9 300) | 30 200 | |
| Premises | 96 000 | - | <u>96 000</u> | |
| | | | 147 800 | |
| Current assets | | | | |
| Trade receivables | 12 000 | | | |
| Less: Allowance for IL of TR (12k x 3%) | (360) | 11 640 | | |
| CAB (18k + 820) | | 18 820 | | |
| Cash in hand (7800 - 820) | | 6 980 | <u>37 440</u> | |
| | | | <u>185 240</u> | |
| Equity and Liabilities | | | | |
| Owner's equity | | | | |
| Capital (80k + 88340 – 1900) | | | 166 440 | |
| | | | | |
| Non-current liability | | | | |
| Long-term borrowings (15k-5k) | | | 10 000 | |
| | | | | |
| Current liabilities | | | | |
| Rent income received in advance (1200/3) | | 400 | | |
| Salaries payable | | 3 400 | | |
| Current portion of LTB (15k/3) | | 5 000 | 8 800 | |
| Total equity and liabilities | | 185 240 | | |

2 Ernest Trading (LTB)

| 2(a) Journal | | | |
|--------------|-------------|--------|--------|
| Date | Particulars | DR | CR |
| 2020 | | | |
| Oct 1 | CAB | 40 000 | |
| | Bank loan | | 40 000 |

2(b)

| Year ended | Interest expense | Interest payable |
|-------------|---|------------------|
| 31 December | \$ | \$ |
| 2020 | $(40k \times 0.05 \times 3/12) = 500$ | 500 |
| 2021 | (40k x 0.05 x 9/12) = 1500 (30k x 0.05 x 3/12) = 375 Total = 1875 | 375 |

| 2(c) Ernest Trading | | | |
|--|--------|--|--|
| Statement of financial position as at 31 December 2021 (extract) | | | |
| Non-current liability | \$ | | |
| Long-term borrowings (30k-10k) | 20 000 | | |
| MATH STUDIO | | | |
| Current liabilities | | | |
| Current portion of LTB (40k/4) | 10 000 | | |
| Interest expense payable (30k x 0.05 x 3/12) | 375 | | |

3 Newman (I&E)

| 3(a) Service fee revenue account | | | | |
|----------------------------------|---------------------------|---------|---------|--------------|
| Date | Particulars | Dr (\$) | Cr (\$) | Balance (\$) |
| 2021 | | | | |
| Jun 30 | CAB | | 14 400 | 14 400 Cr |
| | Svc fee revenue RIA | 3 100 | | 11 300 Cr |
| | Income summary (transfer) | 11 300 | | - |

(b) Complete the following table to show how service fee revenue received in advance is adjusted for the year ended 30 June 2021. (Challenging for students who do not use ledger method)

| | Name of account | \$ |
|--------|---|-------|
| Debit | Service fee revenue | 3 100 |
| Credit | Service fee revenue received in advance (RIA) | 3 100 |

(c) State the effect on profit for the year ended 30 June 2021 if adjustment in (b) above is not done. Overstated by \$3100.

(d) Prepare journal entries to record the transactions on 1 July 2020, 8 April 2021 and 30 June 2021 including the closing entry. Narrations **are** required.

| | 3(d) Journal | | |
|--------|--|---------|---------|
| Date | Particulars | Dr (\$) | Cr (\$) |
| 2020 | | | |
| Jul 1 | Advertising expense (↑) | 2 500 | |
| | Prepaid advertising expense (↓) | | 2 500 |
| | (Reversal of advertising expense that was prepaid at start of year and will be used this year) | | |
| 2021 | | | |
| Apr 8 | Advertising expense | 7 400 | |
| | CAB | | 7 400 |
| | (Paid advertising expense by cheque) | | |
| Jun 30 | Prepaid advertising expense (↑) | 1 900 | |
| | Advertising expense (↓) | | 1 900 |
| | (Adjusting advertising expense that was prepaid but | | |
| | not yet incurred in current year) | | |
| | | | |
| Jun 30 | Income summary | 8 000 | |
| | Advertising expense (\big) | | 8 000 |
| | (Transfer of advertising expense to IS) | | |

⁽e) State the amount of advertising expense reported in Newman Agency's statement of financial performance for the year ended 30 June 2021. \$8000

4(a) Alex Traders (TR)

- (i) Mario owed Alex Traders \$1660.
 (ii) Alex Traders sold goods at \$7200 to Mario on credit.
 (iii) Alex Traders received a cheque for \$6840 from Mario and gave a discount allowed of \$360.
 (iv) Mario was unable to pay his debts and \$1660 was written off.
- **4(b)** Cash discount. It is a reduction to invoiced price.
- **4(c)** $[360/(6840 + 360) \times 100\%] = 5\%$

4(d)

| 4 (0) | |
|---|---|
| Decision: Choose Tom | Decision: Choose Stephanie |
| Evidence: Has been in business for 10 years. Explanation: - more experienced by 7 years (no substitute for experience) - more established with old, reliable staff, strong processes, steady revenue streams, industry knowledge - more likely to continue to operate/less likely to close down - more likely to continue to pay Alex | Evidence: Although she has only been in business for only 3 years she is expanding quickly and seems to be a better businessman. Explanation: -sells to both locals and foreigners (better business model) -increase in scale of operations will benefit Alex in terms of future sales and profits Evidence: Has an online store |
| Evidence: Has a physical store selling to locals Explanation: -easier for Alex to visit/locate Tom should there be any delay in payment -savings on shipping costs, personal interaction, visual merchandise will appeal to customers -likely for business to continue operating | Explanation: Online store Explanation: Online store has more advantages than a physical store: - accessible 24/7 - can reach out to more customers (including overseas customers) beyond S'pore - savings on rent, in-store staff (will lead to lower prices for customers) - unlimited shelf space for products |
| Evidence: Better payment history of 25 days on average. Late twice per annum is acceptable. Explanation: This is lower than agreed 30-day credit period. On other hand Stephanie's average is 35 days (exceeding by 5 days). Late 5 times. Cost and time saved in not chasing Tom for payment. Lower admin cost. Timely payments → improved cashflow for Alex who can pay his own suppliers on time | Evidence: Higher annual sales revenue (\$200k compared to Tom's \$150k). Explanation: Stephanie has overtaken Tom in terms of annual sales though she is newer. Inspite of higher annual sales, her average monthly TR balance is lower (\$12k) which means that the amount she owes to Alex at the end of the month is less than Tom's (\$20k) which will lower Alex's financial risk. |
| Evidence: Positive reviews. Explanation: Regulars are satisfied about product quality and staff service and will probably become loyal customers. Good reputation is an valuable business asset (because it represents stability and trust) which commands higher prices for goods | Evidence: Positive reviews Explanation: Customers are drawn to her low prices and her "one-stop" shop business model. Business likely to grow. |