



**ZHONGHUA SECONDARY SCHOOL
PRELIMINARY EXAMINATION 2024
SECONDARY 5 NORMAL ACADEMIC**

Candidate Name	Class	Register Number

PRINCIPLES OF ACCOUNTS

7087/01

Paper 1

28 August 2024
1 hour

READ THESE INSTRUCTIONS FIRST

Write your name, class and register number on all the work you hand in.

Write in dark blue or black pen on both sides of the paper.

You may use a soft pencil for any rough working.
Do not use paper clips, glue or correction fluid.

Answer **all** questions.

You may use a calculator.

The businesses mentioned in this question paper are entirely fictitious.

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At the end of the examination, fasten all your work securely together.

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

For examiner's Use:	
Question	Score
1	/ 15
2	/ 9
3	/ 16
Total	/ 40

Setter: Mr John Kok

Vetters: Ms Teo Jing Zhi & Ms Destiny See

This question paper consists of **8** printed pages (including this cover page)

[Turn over

- 2 Chic Co, a business owned by Glenda, selling computers, had the following balances in the inventory account as at 30 April 2024.

Inventory account				
Date	Particulars	Debit	Credit	Balance
		\$	\$	\$
2023				
May 1	Balance b/d			60 000 Dr
May 21	Hipster & Co	35 000		95 000 Dr
Jul 8	Cash at bank	2 000		97 000 Dr
Aug 31	Advertising		3 000	94 000 Dr
Sep 11	Cost of sale		10 000	84 000 Dr
Nov 12	Flora Prints	42 000		126 000 Dr
2024				
Jan 22	Cost of sale		25 000	101 000 Dr
Feb 8	Cost of sale		48 000	53 000 Dr
Mar 12	Drawings	1 000		54 000 Dr
May 1	Balance b/d			54 000 Dr

REQUIRED

- (a) Interpret the transactions that took place on the following dates.

(i) May 21

.....

 [1]

(ii) August 31

.....

 [1]

[Turn over

(b) Identifying **one** error in the inventory account entries and explain why it is an error.

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..... [2]

(c) Calculate the inventory level on 30 April 2024 after correcting for the error in (b).

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..... [1]

(d) Calculate the cost of sales and hence the day sales in inventory for the year ended 30 April 2024.

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..... [3]

(e) Briefly describe what does the answer to (d) mean.

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..... [1]

[Total: 9]

(b) Prepare an extract of the statement of financial position as at 31 December 2023, **showing only the liabilities sections**.

Highway Trading

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

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..... [5]

(c) In July 2024, Highway Trading has been facing financial challenges. Explain using an accounting theory, why the company still need to prepare yearly financial records despite the financial difficulties they are facing.

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..... [3]



**ZHONGHUA SECONDARY SCHOOL
PRELIMINARY EXAMINATION 2024
SECONDARY 5 NORMAL ACADEMIC**

Candidate's Name

Class

Register Number

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PRINCIPLES OF ACCOUNTS

7087/02

INSERT

9 September 2024
2 hours

READ THESE INSTRUCTIONS FIRST

This insert contains the data for Question 1.

Setter: Mr John Kok

Vetter: Ms Teo Jing Zhi & Ms Destiny See

This question paper consists of 3 printed pages (including this cover page)

[Turn over

Data for Question 1

- 1 The following balances were extracted from the books of Desire Diamonds on 30 June 2024.

	\$
Capital	249 520
Cost of sales	60 700
Sales revenue	170 270
Sales returns	9 000
Advertising	22 700
Salaries and wages	51 050
Loan interest	1 200
General expenses	10 380
Rent income	18 000
Trade receivables	31 950
Trade payables	20 650
Discount allowed	4 800
Discount received	1 440
8% Bank loan	50 000
Cash at bank	15 700
Inventory	10 300
Fixtures and fittings	72 000
Plant and equipment	288 000
Accumulated depreciation:	
Fixtures and fittings	12 000
Plant and equipment	50 900
Allowance for impairment of trade receivables	5 000

Additional information

- 1 A fire broke out and destroyed 30% of the inventory on 25 June 2024. Insurance claim was filed and agreement of reimbursement of \$0.40 to every dollar of goods destroyed was made on 30 June 2024. No records were made with regard to this. After a full stock check, the market value of the inventory on 30 June 2024 amounted to \$6 500.
- 2 The rent income covered an 18 months period ending 31 December 2024.
- 3 Salaries and wages amounted to \$5 000 per month.
- 4 A sales invoice with a list price of \$1 000 was not recorded even though the cost of goods portion was recorded. There was a trade discount of 5% for this transaction.
- 5 Fixtures and fittings was to be depreciated at 10% per annum using the straight-line method.
- 6 Plant and equipment was to be depreciated at 5% per annum using the reducing-balance method.
- 7 Single Strength, a trade receivable, went bankrupt and its debt of \$3 000 was to be written off.
- 8 A review at year end estimated that 5% of the trade receivables was uncollectible.
- 9 The 5-year 8% bank loan was taken up on 1 January 2024. The loan and interest are payable every year on 1 January.

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PRELIMINARY EXAMINATION 2024
SECONDARY 5 NORMAL ACADEMIC**

Candidate Name	Class	Register Number

PRINCIPLES OF ACCOUNTS

7087/02

Paper 2

9 September 2024
2 hours

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1	/ 20
2	/ 14
3	/ 15
4	/ 11
Total	/ 60

Setter: Mr John Kok

Vetter: Ms Teo Jing Zhi & Ms Destiny See

This question paper consists of **16** printed pages (including this cover page)

[Turn over

..... [10]

[Total: 20]

[Turn over

- 2 The cash at bank account and bank statement for Trusty Trading for the month of July 2024 were as follows:

Cash at bank account

2024	Particulars	Cheque number	Debit \$	Credit \$	Balance \$
Jul 1	Balance b/d				2 236 Dr
3	Justin		3 500		5 736 Dr
9	Jack Supplies	5304		1 155	4 581 Dr
14	Commission income		5 000		9 581 Dr
16	Sinking Shop		4 120		13 701 Dr
19	Salaries expense	5305		8 000	5 701 Dr
23	Claire	5306		2 888	2 813 Dr
26	Luke		2 915		5 728 Dr
Aug 1	Balance b/d				5 728 Dr

Bank statement

2024		Payments \$	Receipts \$	Balance \$
Jul 1	Balance b/d			4 236 Cr
3	Credit transfer: Justin		3 500	7 736 Cr
5	Cheque No: 5304	1 555		6 181 Cr
12	Cheque No: 5289	2 000		4 181 Cr
17	Cheque deposit		5 000	9 181 Cr
19	Cheque No: 5305	8 000		1 181 Cr
20	Direct debit: Utilities	2 200		1 019 Dr
27	Cheque deposit		4 120	3 101 Cr
29	Cheque (rejected cheque on Jul 27)	4 120		1 019 Dr
30	Interest		12	1 007 Dr
30	Bank charges	20		1 027 Dr

Additional information

Both the bank and Trusty Trading made an error in the recording of cheque 5304 in their books. The correct amount for the transaction should be \$1 500.

REQUIRED

- (a) State **one** purpose of internal control.

.....

 [1]

- (b) State **two** methods of internal control over cash other than bank reconciliation.

.....

 [2]

- (c) Update the cash at bank account on 31 July 2024.

Cash at bank account

.....

 [6]

- (d) Prepare the bank reconciliation statement as at 31 July 2024.

Bank reconciliation statement as at 31 July 2024.

.....

 [5]

[Total: 14]

[Turn over

A series of horizontal dotted lines for writing, spanning the width of the page.



**ZHONGHUA SECONDARY SCHOOL
PRELIMINARY EXAMINATION 2024
SECONDARY 5 NORMAL ACADEMIC**

Candidate's Name	Class	Register Number
Suggested Making Scheme		

PRINCIPLES OF ACCOUNTS

7087/01

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Setter: Mr John Kok

Vetters: Ms Teo Jing Zhi & Ms Destiny See

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Answer all questions.

- 1 (a) Source document [1]
- (b) Objectivity theory. [1] Transactions are recorded based on information that is reliable and verifiable, where source documents serves this purpose. [1]
- (c) Monetary theory. [1] Only business transactions that can be measured in monetary terms are recorded while reputation is not measured in monetary terms. [1]

(d) General Journal [6]

Date	Particulars	Debit \$	Credit \$
2024			
March 31	Trade payable, Jackson LLP	2 000 [1]	
	Trade payable, Jason Ltd		2 000 [1]
March 31	Discount allowed	50 [1]	
	Trade receivable, Lim Pte Ltd		50 [1]
March 31	Cash at bank	1 400 [1]	
	Commission income		1 400 [1]

(e) Tylo Ltd

Statement to show adjusted profit for the year ended 31 March 2024

Unadjusted loss for the year	(522) [1]
Add: Commission income	<u>1 400 [1]</u>
	878
Less: Discount allowed	<u>50 [1]</u>
Adjusted profit for the year	<u>828 [1]</u>

[Total: 15]

- 2 (a)(i) Purchased inventory amounting to \$35 000 from Hipster Co on credit. [1]
 (a)(ii) Inventory worth \$3 000 was used for advertising purpose. [1]
- (b) The entry on 12 March 2024 [1] was an error as drawings should result in a reduction in inventory account and should therefore appear in the Cr column. [1]
- (c) Ending inventory = 53000 – 1000 = 52 000 [1]
- (d) Cost of sales = (10000+25000+48000) = 83 000 [1]
 Day sales in inventory = [(60000+52000)/2]/83000 x 365 [1] = 246.27 days [1]
- (e) It means Chic Co. takes 246.27 days to sell its average inventory. [1]

[Total: 9]

3 (a)

Interest Expense

Date	Particulars	Dr	Cr	Bal
2022				
1 Jan	Interest expense payable (3/12 x 5% x 40000)		500	500 Cr [1]
30 Sep	Cash at bank (5% x 40000)	2 000		1 500 Dr [1]
31 Dec	Interest expense payable (3/12 x 5% x 36000)	450		1950 Dr [1]
31 Dec	Income summary	[1]	1 950	-
2023				
1 Jan	Interest expense payable	[1]	450	450 Cr
30 Sep	Cash at bank (5% x 36000)	1 800		1 350 Dr [1]
31 Dec	Interest expense payable (3/12 x 5% x 32000)+(9/12 x 6% x 20000) [1]	1 300*		2 650 Dr [1]
31 Dec	Income summary		2 650	-

(b)

Highway Trading

Statement of financial position as at 31 December 2023 (extract)Non-current liabilities

Long term borrowing (28000+16000)[1] 44 000 [1]

Current liabilities

Current portion of long term borrowing (4000+4000) [1] 8 000 [1]
 Interest expense payable * (of) 1 300 [1] 9 300

- (c) Based on the going concern theory [1] which states that a business is assumed to have an indefinite economic life unless there is credible evidence that it may close down [1], Highway Trading will still need to continue keeping their financial records as there are yet to have credible evidence that it may close down just financial challenges. [1]

[Total: 16]



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PRINCIPLES OF ACCOUNTS

7087/02

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3	/ 15
4	/ 11
Total	/ 60

Setter: M Mr John Kok

Vetter: Ms Teo Jing Zhi & Ms Destiny See

This question paper consists of 6 printed pages (including this cover page)

1 (a)

Desire Diamonds

Statement of financial performance for the year ended 30 June 2024

	\$	\$
Sales revenue (170270 + 0.95x1000)	171 220 [1]	
Less: sales return	<u>9 000</u>	
Net sales revenue		162 220
Less: Cost of sales		<u>60 700</u>
Gross profit		101 520
Add: Other income		
Rent income (12/18 x 18000)	12 000 [1]	
Discount received	<u>1 440</u>	<u>13 440</u>
		114 960
Less: Other expenses		
Advertising	22 700	
Salaries and wages (12 x 5 000)	60 000 [1]	
Loan interest (8% x 50000 x 6/12)	2 000 [1]	
General expenses	10 380	
Discount allowed	4 800	
Depreciation of fixtures and fittings (10% x 72000)	7 200 [1]	
Depreciation of plant and equipment (5% x [288000-50900])	11 855 [1]	
Impairment loss on inventory (0.3 x 10300 x 0.6 + [(0.7 x 10300) - 6500]) [1]	2 564 [1]	
Reversal of impairment loss on trade receivables (5% x [(31950 + 0.95 X 1000 - 3000)] - 5000 + 3000) [1]	<u>(505) [1]</u>	
		<u>120 994</u>
Loss for the year		<u>(6 034)</u>

(b)

Desire Diamonds

Statement of financial position as at 30 June 2024

<u>Assets</u>	Cost	Accum depn	NBV
<u>Non-Current assets</u>			
Fixtures and fittings (12000+7200)	72 000	19 200 [1]	52 800
Plant and equipment (50900+11855)	<u>288 000</u>	<u>62 755 [1]</u>	<u>225 245</u>
	<u>360 000</u>	<u>81 955</u>	278 045
<u>Current assets</u>			
Trade receivables (31950+0.95x1000-3000)	29 900 [1]		
Less: Allowance for impairment on tr (5% x [31950+0.95x1000-3000])	<u>1 495 [1]</u>	28 405	
Cash at bank (15700+0.4 x 0.3 x 10300)		16 936 [1]	
Inventory		<u>6 500</u>	<u>51 841</u>
Total assets			<u>329 886</u>
<u>Equity and liabilities</u>			
<u>Owner's equity</u>			
Capital (249520 - 6034)			243 486
<u>Non-current liabilities</u>			
Long term borrowings (50000 x 4/5)			40 000 [1]
<u>Current liabilities</u>			
Trade payables	20 650		
Rent income received in advance (6/18 x 18000)	6 000 [1]		
Salaries and wages payable (12 x 5000 - 51050)	8 950 [1]		
Interest payable (2000-1200)	800 [1]		
Current portion of long term borrowing (1/5 x 50000)	[1] <u>10 000</u>	<u>46 400</u>	
			<u>329 886</u>
			[Total: 20]

2 (a) State **one** purpose of internal control.

Any one of the following: [1]

1. Safeguard assets of the business
2. Ensure business transactions are recorded accurately
3. Comply with laws and regulations

(b) State **two** methods of internal control over cash other than bank reconciliation.

1. Segregation of duties. [1]
 2. Custody of cash. [1]
 3. Authorisation. [1]
- [Any 2 points]

(c) Update the cash at bank account on 31 July 2024.

Cash at bank				
Date	Particulars	Dr	Cr	Bal
2024		\$	\$	\$
Jul 31	Balance b/d			5 728 Dr
	Jack Supplies		345 [1]	
	Utilities		2 200 [1]	
	Sinking Shop		4 120 [1]	
	Interest income	12 [1]		
	Bank charges		20 [1]	945 Cr
Aug 1	Balance b/d			945 Cr [1]
				[6]

(d) Prepare the bank reconciliation statement as at 31 July 2024.

Trusty Trading Bank Reconciliation Statement as at 31 July 2024		\$
Dr balance as per bank statement		(1 027) [1]
Add: Deposits in transit		
Cheque No: 5304 (error) Luke		55 [1] 2 915 [1]
Less: Cheques not yet presented		
Claire		2 888 [1]
Cr balance as per updated cash at bank account		<u>(945) [1]</u>
		[5]

[Total: 14]

3 (a) According to the **materiality theory** [1], relevant information should be reported in the financial statements if it is likely to make a difference to the decision-making process and since the amount spent on measuring cup is **insignificant**, it can be reported as an expense instead of a non-current asset. [1]

(b) Depreciation for the year ended 31 December 2023

$$= 20\% \times (90000 - 18000 - 14400) + 20\% \times (90000 + 7200 + 2800) [1] = 11520 + 20000$$

$$= \$21520 [1]$$

(c)

General Journal			
Date	Particulars	Dr	Cr
2023		\$	\$
Aug 9	Sale of non-current asset	90 000	
	Motor Vehicle		90 000
	Accumulated depreciation of motor vehicle	32 400	
	Sale of non-current asset		32 400
	Cash at bank	60 000	
	Sale of non-current asset		60 000
	Sale of non-current asset	2 400	
	Income Summary		2 400

1 mark per double entry

[4]

(d) Decision [1]: Alodia should extend credit to Linus Party

Evidence [1]: Linus Party has a repayment history averaging 33 days which is within the 45 days requested.

Explanation[1]: This will allow Alodia to reduce the time and cost needed to process late payments and would free her up to focus on other aspect of the business.

Evidence [1]: Linus Party credit sales revenue is \$26 900 more than Marcus Meal or average trade receivables balance is \$13 000 more.

Explanation[1]: This means it is more important to keep Linus Party as a customer by extending credit since losing them would means a big reduction in revenue and therefore lower potential profit

Evidence [1]: Linus Party has garnered attention for offering unique and innovative services.

Explanation[1]: This means that Linus Party has the ability to attract more unique customers through their innovation and thus has a potential to have a larger demand of goods and therefore by offering credit extension and keeping Linus Party as a customer, Alodia has the potential of early higher profit.

OR

Decision [1]: Alodia should extend credit to Marcus Meal

Evidence [1]: Marcus Meal is centrally located with a regular customer base who like Alodia's cakes.

Explanation[1]: This means that Marcus Meal has a steady flow of business and is unlikely to close. As a result, Alodia would be unlikely to experience expense due to Marcus Meal inability to pay up.

Evidence [1]: Marcus Meal has a repayment history averaging 42 days which is within the 45 days requested.

Explanation[1]: This will allow Alodia to reduce the time and cost needed to process late payments and would free her up to focus on other aspect of the business.

Evidence [1]: Marcus Meal has been operating for 10 years and had been featured in both local and overseas media.

Explanation[1]: This means that Marcus Meal has an attractive business with strong customer loyalty and is therefore unlikely to close. Therefore, Alodia would be unlikely to experience expense due to Marcus Meal inability to pay up.

Evidence [1]: Marcus Meal business has been growing after Covid.

Explanation[1]: This means that Marcus Meal may be demanding more of the goods and therefore by offering credit extension and keeping Marcus Meal as a customer, Alodia has the potential of early higher profit

[Total: 15]

4 (a) Liquidity is important to a business in order to: *(any one answer)* [1]

1. ensure **sufficient cash flow** to maintain the day-to-day operations;
2. meet its **short-term obligations** or **loans**;
3. take advantage of **cash discounts** as the business is able to pay promptly; and take advantage of **good investment opportunities** using existing funds.

(b) (i) Current ratio, South Pac Live = $(32760+20100+1200+14600)/(15800+900)$
= 4.11 [1]

Current ration, Alaska Fresh = $(153800+14200+6500)/(11800+1200+4200+10000)$
= 6.41 [1]

(ii) Quick ratio, South Pac Live = $(20100+14600)/(15800+900)$
= 2.08 [1]

Quick ratio, Alaska Fresh = $(14200)/(11800+1200+4200+10000)$
= 0.52 [1]

(c) (Any 6 points, 1m each)

- The current ratio of Alaska Fresh at **6.41** is **better than that of South Pac Live at 4.11**. [1]
- The current ratios of both businesses are above the general benchmark of 2 which indicates that both businesses have sufficient current assets to pay for its immediate debts. [1]
- However, the quick ratio of Alaska Fresh at **0.52** is **worse than that of South Pac Live at 2.08**. [1]
- While the quick ratio of South Pac Live is above the general benchmark of 1, the quick ratio of Alaska Fresh is below the general benchmark. This suggests that Alaska Fresh has insufficient **quick** assets to pay for its immediate debts [1] while South Pac Live has sufficient quick assets to pay for its immediate debts.. [1]
- This is evident/further supported from the bank overdraft position of Alaska Fresh as at 30 June 2024. [1]
- This may be due to Alaska Fresh having its funds tied up in inventory as its inventory balance of \$153 800 is significantly much higher than that of South Pac Live at \$32 760. [1]
- Moreover, Alaska Fresh has higher current liabilities due to its current portion of long-term borrowings of \$10 000 as compared to South Pac Live which has none. [1]
- Therefore, Alaska Fresh is less liquid than South Pac Live.

[Total: 11]