## SKH Leung Kwai Yee Secondary School

First Term Examination 2009/10

## F. 5 Principles of Accounts

### 24.11.2009

$8.15 \mathrm{am}-10.45 \mathrm{am}$ (2.5 hours)
This paper must be answered in English

Instructions:

1. Answer FIVE questions: THREE from Section A (42\%), and TWO from Section B (58\%).
2. Write your answers on the answer book provided.
3. Show your workings.

## Section A

Answer any THREE questions from this section. Each question carries 14 marks. Write your answers on the answer sheets provided.

## Question 1

The trial balance totals of Wing Cheung Co. as at 31 December 2008 failed to agree and the difference was debited to a suspense account.

Subsequent checks on the records revealed the following:
(1) Credit sale of office equipment for $\$ 6,200$ had been recorded in the sales day book. The office equipment was acquired for $\$ 12,000$ on 1 July 2005. The company charges a full year's depreciation at 20 percent on the cost of office equipment held at end of each financial year.
(2) Free sample of goods costing $\$ 500$ sent to a customer had been recorded as a credit sale.
(3) The purchases journal and the returns outwards journal had both been undercast by $\$ 1,130$.
(4) Discounts received of $\$ 257$ had been credited to the interest received account as $\$ 275$.
(5) A bad debt $\$ 5,180$ had been treated as an increase in the provision of doubtful debts.
(6) Carriage inwards of $\$ 3,870$ had been credited to the returns inwards account as $\$ 3,780$.
(7) A cheque payment of $\$ 1,280$ had been recorded TWICE in the electricity account, but none in the cash book.
You are required to prepare:
(a) The necessary journal entries to correct the above errors. (Narrations not required)
(10 marks)
(b) The suspense account to ascertain the difference in the trial balance before corrections.
(4 marks)

Page 2

## Question 2

(A) Stocktaking at Asia First Manufacturing Company was done on 6 January 2009, arriving at a stock figure of $\$ 47,940$. During the six days from the last year end, 31 December 2008, the following transactions or events occurred:
(i) Goods invoiced at $\$ 31,920$ were sold on credit to a loyal customer. These goods were marked up by a normal rate of $40 \%$ but an extra trade discount of $5 \%$ was allowed to that customer.
(ii) Goods costing $\$ 29,400$ were received from a supplier on a sale or return basis and counted in stocktaking.
(iii) Five boxes of goods costing $\$ 650$ each were destroyed in an accident.

Upon checking the stocktaking records, the following was found:
(iv) Two boxes of goods costing $\$ 460$ each should have been purchased for the owner's personal use but were still stored in the warehouse.
(v) A stock sheet had been overcast by $\$ 160$.
(vi) Four boxes of goods costing $\$ 2,400$ had been valued at their current market values of \$2,180.

## You are required to:

Prepare a statement to calculate the closing stock as at 31 December 2008. (8 marks)
(B) The bank account of Victor Lee showed a credit balance of $\$ 3,560$ on 31 October 2009, which did not agree with the balance on the bank statement on the same date. Upon investigation, the following information was obtained:
(i) A deposit of $\$ 10,630$ made after banking hours on 31 October 2009 did not appear in the bank statement.
(ii) Three cheques totalling $\$ 1,786$ had not yet been presented.
(iii) The credit side of the bank account had been overcast by $\$ 1,800$.
(iv) Auto-payment of an electricity charge of $\$ 820$ and bank charges of $\$ 125$ were shown in the bank statement.
(v) A cheque for $\$ 700$ paid into the bank had been dishonoured and was shown as such by the bank, but the dishonoured cheque had not been recorded in the bank account.

## You are required to:

Prepare a bank reconciliation statement as at 31 October 2009 commencing with the balances as per cash book and ending with the balance as per bank statement. (6 marks)

## Question 3

The treasurer of the International Club submitted the following receipts and payments account to club members covering the year to 31 December 2008:

| Receipts and Payments Account |  |  |  |
| :---: | :---: | :---: | :---: |
|  | \$ |  | \$ |
| Balance (1 Jan 2008) | 32,000 | Insurance | 2,800 |
| Subscriptions | 45,000 | Secretary's expenses | 5,100 |
| Bar takings | 28,000 | Administrative expenses | 6,200 |
| Sales of dance tickets | 18,800 | Payment for bar supplies | 10,100 |
|  |  | Hire of hall and band | 6,000 |
|  |  | Wages of bar staff | 2,700 |
|  |  | Lighting and heating | 5,000 |
|  |  | Purchases of sports equipment | 5,000 |
|  |  | Balance (31 Dec 2008) | 80,900 |
|  | 123,800 |  | 123,800 |

Notes:
(i) Some of the club's balances as at 31 December were as follows:

Bar stock
Subscriptions in arrear
Subscriptions in advance
$600 \quad 1,700$

Sports equipment
500

Administration expenses outstanding
25,000
?
400
Lighting and Heating prepaid
1,000
Creditors for bar supplies 13,00
(ii) The club depreciates the sports equipment at the rate of $10 \%$.
(iii) Of the lighting and heating, one quarter will be regarded as bar expenses.
(iv) Subscriptions of $\$ 100$ from two members had long been outstanding, and therefore the club wrote off this amount in the current year.

## Required:

(a) Prepare the bar trading account for the year ended 31 December $2008 . \quad$ (5 marks)
(b) Prepare the income and expenditure account for the year ended 31 December 2008.
(9 marks)

## Question 4

Mr. Wong is a wholesaler of toys. He had the following balances in his books:

|  | 1 January 2009 | 31 March 2009 |
| :--- | ---: | ---: |
|  | $\$$ | $\$$ |
| Stock | 97,700 | $?$ |
| Trade debtors | 73,650 | 61,400 |
| Bank | 65,000 | 50,800 |
| Trade creditors | 46,750 | 52,300 |

On 31 March 2009, a fire occurred which destroyed all the stock. It was also discovered that the cashier had misappropriated cash from the bank account.
After a careful investigation, the following information was made available:
(i) All purchases and sales were made on credit. The business made a gross profit mark-up of $20 \%$ on cost.
(ii) The business banked all receipts from debtors amounting to $\$ 483,200$ and paid the following out of the bank account:

|  | $\$$ |
| :--- | ---: |
| Trade creditors | 328,600 |
| Rent and rates | 120,000 |
| Administrative expenses | 28,800 |

(iii) Discounts received and discounts allowed amounted to $\$ 6,150$ and $\$ 9,050$ respectively.

## You are required to:

(a) Draw up the bank account for the period.
(6 marks)
(b) Calculate the cost of stock destroyed by the fire.
(8 marks)

Page 5

## Section B

Answer any TWO questions from this section. Each question carries 29 marks. Write your answers on the answer sheets provided.

## Question 5

Below is the trial balance at 31 December 2008 of Cauliflower Company which manufactures toys for wholesale:

|  | Dr | Cr |
| :---: | :---: | :---: |
|  | \$ | \$ |
| Plant and Machinery, at cost | 7,500,000 |  |
| Office equipment, at cost | 675,000 |  |
| Motor vehicles, at cost | 250,000 |  |
| Accumulated depreciation at 1 January, 2008: |  |  |
| Plant and Machinery |  | 655,000 |
| Office equipment |  | 350,000 |
| Motor vehicles |  | 180,000 |
| Sales |  | 19,500,000 |
| Trade debtors | 2,270,000 |  |
| Trade creditors |  | 430,000 |
| Provision for doubtful debts |  | 99,000 |
| Purchases of raw materials | 4,530,000 |  |
| Wages and salaries | 8,400,000 |  |
| Carriage outwards | 36,000 |  |
| Rent and rates | 1,000,000 |  |
| Telephone | 71,000 |  |
| Capital |  | 1,934,000 |
| Bad debts | 22,000 |  |
| Carriage inwards | 38,000 |  |
| Stock at 1 January, 2008 |  |  |
| Raw materials | 162,000 |  |
| Work-in-progress | 20,000 |  |
| Finished goods | 80,000 |  |
| 10\% Loan |  | 2,500,000 |
| Insurance | 43,000 |  |
| Factory power | 525,000 |  |
| Repairs to machinery | 158,000 |  |
| Sundry expenses | 15,000 |  |
| Bank | 28,000 |  |
| Suspense |  | 175,000 |
|  | 25,823,000 | 25,823,000 |

Additional information:
(1) Stock at 31 December 2008:

|  | $\$$ |
| :--- | ---: |
| Raw materials | 464,000 |
| Work-in-progress | 80,000 |
| Finished goods | 240,000 |

(2) The following adjustments were to be made on 31 December 2008:
\$

| Prepaid rent and rates | 200,000 |
| :--- | ---: |
| Accrued telephone | 9,000 |
| Prepaid insurance | 7,000 |
| Accrued repairs to machinery | 2,000 |

(3) It is the policy of the company to provide for depreciation on pro-rata basis as follows:

| Plant and machinery | $10 \%$ on cost |
| :--- | :--- |
| Office equipment | $20 \%$ on reducing balance |
| Motor vehicles | $20 \%$ on cost |

Motor vehicles are used solely by the manufacturing department.
(4) Analysis of the wages and salaries revealed:

|  | $\$$ |
| :--- | ---: |
| Direct labour | $1,880,000$ |
| Indirect labour | $4,790,000$ |
| Salaries to office | $1,730,000$ |
|  | $8,400,000$ |

(5) Expenses should be apportioned as follows:

|  | Factory | Office |
| :--- | ---: | ---: |
| Rent and rates | $75 \%$ | $25 \%$ |
| Telephone | $40 \%$ | $60 \%$ |
| Insurance | $85 \%$ | $15 \%$ |
| Sundry expenses | $20 \%$ | $80 \%$ |

(6) Provision for doubtful debts was to be maintained at $5 \%$ of debtors.
(7) On 1 July 2008, an obsolete machinery costing $\$ 600,000$ bought on 30 June 2005 was sold. The proceeds received had been entered in the suspense account. No other entries have been made in the books for this transaction.
(8) During the year, a 5 year $10 \%$ loan repayable on 31 March 2013 was borrowed from a bank on 1 April 2008.

## Required:

(a) Prepare the manufacturing account for the year ended 31 December 2008, showing clearly the cost of raw materials consumed, the prime cost and the production cost of finished goods.
(12 marks)
(b) Prepare the trading, profit and loss and appropriation account for the year ended 31
December 2008.
(9 marks)
(c) Prepare the balance sheet as at 31 December 2008.
( 8 marks)

Page 7

## Question 6

Chan, Wong and Chow were in partnership sharing profits and losses in the ratio 3:2:1 respectively. It was agreed that Chan was entitled to a salary of $\$ 3,000$ per annum and all partners would be credited with interest at $4 \%$ per annum on their opening capital balances.

The trial balance for the partnership as at 31 December 2008 is as follows:

|  | Dr | Cr |
| :---: | :---: | :---: |
|  | \$ | \$ |
| Machinery (net book value, 1 January 2008) | 174,000 |  |
| Motor vehicles (net book value, 1 January 2008) | 80,000 |  |
| Fixtures and fittings (net book value, 1 January 2008) | 34,000 |  |
| Stock as at 1 January 2008 | 124,800 |  |
| Debtors | 69,960 |  |
| Bank overdraft |  | 6,880 |
| Capital account |  |  |
| Chan |  | 170,000 |
| Wong |  | 130,000 |
| Chow |  | 126,000 |
| Current account |  |  |
| Chan |  | 7,450 |
| Wong | 4,980 |  |
| Chow |  | 9,340 |
| Creditors |  | 38,070 |
| Sales |  | 500,000 |
| Purchases | 200,000 |  |
| Wages | 32,000 |  |
| Office expenses | 93,000 |  |
| Rent and rates | 145,000 |  |
| Discounts allowed | 30,000 |  |
|  | 987,740 | 987,740 |

You are given the following additional information:
(i) On 31 December 2008, stock was valued at $\$ 180,000$.
(ii) Depreciation is to be provided at $10 \%$ per annum on the net book value of machinery, motor vehicles and fixtures and fittings.
On 1 January 2009, Chan was injured in an accident and retired from the partnership. Lee was admitted as a partner on the same date. The following details were agreed on:
(i) The following assets of the partnership were valued at 1 January 2009 as below:

|  | $\$$ |
| :--- | ---: |
| Machinery | 171,000 |
| Motor vehicles | 82,000 |
| Fixtures and fittings | 33,800 |

(ii) An item of stock costing $\$ 1,200$ was considered as worthless.
(iii) On 1 January 2009, goodwill was $\$ 150,000$ and no goodwill was to be maintained by the partnership.
(iv) Wong, Chow and Lee share profits and losses equally. They are not entitled to salary nor

## interest on capital.

(v) Lee paid $\$ 180,000$ cash into the partnership, including the amount required to settle his share of goodwill.
(vi) Chan agreed that the amount due to him be considered as a loan to partnership.

## Required:

(a) the partnership profit and loss appropriation account for the year ended 31 December 2008;
(9 marks)
(b) revaluation account of the partnership;
(5 marks)
(c) the partners' capital and current accounts in columnar form; and (10 marks)
(d) a balance sheet for the new partnership as at 1 January 2009.
(5 marks)

## Question 7

Adrian, Ricky and Joey have been in partnership for several years sharing profits and losses in the ratio 2:2:1. Because of increasing competition, they decided to dissolve the partnership on 31 March 2009. The balance sheet as at that date was as follows:

| Fixed Assets |  |
| :--- | ---: |
| Land and buildings |  |
| Furniture |  |
| Motor vehicles |  |
|  |  |
| Goodwill | 23,230 |
|  | 20,400 |
| Current Assets | 3,400 |
| Stock | 2,310 |
| Trade debtors | 49,340 |

Less: Current Liabilities

| Trade creditors | 34,500 |  |
| :--- | ---: | ---: |
| Accrued expenses | 5,320 | 39,820 |

Net current assets
9,520
300,000

Financed by

| Capital - Adrian |  | 90,000 |
| :---: | :---: | :---: |
| - Ricky |  | 50,000 |
| - Joey |  | 50,000 |
|  |  | 190,000 |
| Current - Adrian | 11,750 |  |
| - Ricky | $(1,800)$ |  |
| - Joey | 4,050 | 14,000 |
|  |  | 204,000 |

Long-term Liabilities
Bank Loan

| 96,000 |
| ---: |
| 300,000 |

It was agreed that the partnership be dissolved on the following terms:
(i) Half of the land and building was to settle $40 \%$ of bank loan. The remaining bank loan was to be paid by cash.
(ii) The remaining land and building was sold for $90 \%$ of the net book value.
(iii) Furniture was sold at $80 \%$ of the net book value.
(iv) Adrian took over the motor vehicles at $\$ 48,000$.
(v) Goodwill was to be written off.
(vi) Stock in trade was realized at $\$ 23,500$.
(vii) A debt-collecting company was appointed to collect the debts on the books. All the debts were collected with the exception of $\$ 6,500$. It was agreed that the debt-collecting company was entitled to a $10 \%$ commission on the amount collected.
(viii) $70 \%$ of the prepaid rent was refunded while accrued wages were paid in full.
(ix) Realization expenses paid amounted to 10,500 .
(x) All the trade creditors were settled at $\$ 30,620$.
(xi) Since Ricky was insolvent, his deficiency was to be borne by the other partners.

## Required:

(a) Prepare the realization account. (12.5 marks)
(b) Prepare the bank account; and
(8.5 marks)
(c) Prepare the partners' capital accounts in columnar form, including the final settlement among them.
(8 marks)

## END OF PAPER

Page 11

# SKH Leung Kwai Yee Secondary School 

First Examination 2009/10
F. 5 Principles of Accounts

Suggested Answers:

## Question 1

(a)

| Journal |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Dr | Cr |  |
|  |  | \$ | \$ |  |
| (1) | Sales | 6,200 |  | 0.5 |
|  | Accumulated depreciation - Office equipment | 7,200 |  | 1 |
|  | Office equipment |  | 12,000 | 0.5 |
|  | Profit and loss |  | 1,400 | 0.5 |
| (2) | Sales | 500 |  | 0.5 |
|  | Debtors |  | 500 | 0.5 |
| (3) | Purchases | 1,130 |  | 0.5 |
|  | Returns outwards |  | 1,130 | 0.5 |
| (4) | Interest received | 275 |  | 0.5 |
|  | Discounts received |  | 257 | 0.5 |
|  | Suspense |  | 18 | 0.5 |
| (5) | Provision for doubtful debts | 5,180 |  | 0.5 |
|  | Debtors |  | 5,180 | 0.5 |
| (6) | Return inwards | 3,780 |  | 0.5 |
|  | Carriage inwards | 3,870 |  | 0.5 |
|  | Suspense |  | 7,650 | 0.5 |
| (7) | Suspense | 2,560 |  | 0.5 |
|  | Electricity |  | 1,280 | 0.5 |
|  | Bank |  | 1,280 | 0.5 |

(b)

| Suspense |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$ |  |  |  | \$ |  |
| Bal b/f | 5,108 | 1 | Interest received | 18 | 1 |
| Electricity | 1,280 | 0.5 | Returns inwards | 3,780 | 0.5 |
| Bank | 1,280 | 0.5 | Carriage inwards | 3,870 | 0.5 |
|  | 7,668 |  |  | 7,668 |  |

## Question 2

(A)

| Statement to calculate the value of stock as at 31 December 2008 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | \$ | \$ |  |
| Value per stock take at 6 January 2009 |  |  | 47,940 | 0.5 |
| Add | Sales ( $\$ 31,920 \div 95 \% \div 140 \%$ ) | 24,000 |  | 2 |
|  | Goods destroyed | 650 |  | 1 |
|  | Stock valued at market price | 220 | 24,870 | 1 |
|  |  |  | 72,810 |  |
| Less | Goods received on sale or return basis | 29,400 |  | 1 |
|  | Goods purchased for owner's personal use | 920 |  | 1 |
|  | Stock sheet overcast | 160 | 30,480 | 1 |
| Adjusted value of stock as at 31 December 2008 |  |  | 42,330 | 0.5 |

(B)

|  | \$ | \$ |  |
| :---: | :---: | :---: | :---: |
| Balance as per cash book |  | $(3,560)$ | 0.5 |
| Add: (ii) Unpresented cheques | 1,786 |  | 1 |
| (iii) Credit side overcast | 1,800 | 3,586 | 1 |
|  |  | 26 |  |
| Less: (i) Uncredited deposit | 10,630 |  | 1 |
| (iv) Autopay | 945 |  |  |
| (v) Dishonoured cheque | 700 | 12,275 | 1 |
| Balance as per bank statement |  | $(12,249)$ | 0.5 |

## Question 3

(a)

International club
Trading account for the year ended 31 December 2008

|  | \$ | \$ |  |
| :---: | :---: | :---: | :---: |
| Sales |  | 28,000 | 0.5 |
| Less: Cost of sales |  |  |  |
| Opening stock | 12,000 |  | 0.5 |
| Purchases (\$10,100 + 8,200-13,000) | 5,300 |  | 1 |
|  | 17,300 |  |  |
| Less: Closing stock | 13,000 | 4,300 | 0.5 |
| Gross profit |  | 23,700 |  |
| Less: Wages | 2,700 |  | 0.5 |
| Lighting and heating (\$5,000-1,000) $\times 1 / 4$ | 1,000 | 3,700 | 1 |
| Bar profit |  | 20,000 | 0.5 |
| (b) |  |  |  |
| International club |  |  |  |
| Income and expenditure account for the year ended 31 December 2008 |  |  |  |
|  | \$ | \$ |  |
| Income |  |  |  |
| Bar profit |  | 20,000 | 0.5 |
| Subscriptions (\$45,000-600 + 1,700 + 500-800 + 100) |  | 45,900 | 2.5 |
| Profit from dance function ( $\$ 18,800-6,000$ ) |  | 12,800 | 1 |
|  |  | 78,700 |  |
| Expenditure: |  |  |  |
| Insurance | 2,800 |  | 0.5 |
| Secretary's expenses | 5,100 |  | 0.5 |
| Administrative expenses (\$6,200 + 400) | 6,600 |  | 1 |
| Lighting and heating (\$5,000-1,000) $\times 3 / 4$ | 3,000 |  | 1 |
| Depreciation (\$25,000 $+5,000$ ) $\times 10 \%$ | 3,000 |  | 1 |
| Bad debts | 100 | 20,600 | 1 |
| Surplus |  | 78,100 | 0.5 |

## Question 4

(a)

| Bank |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$ |  |  | \$ |  |
| Bal b/f | 65,000 | 0.5 | Trade creditors | 328,600 | 1 |
| Trade debtors | 483,200 | 1 | Rent and rates | 120,000 | 1 |
|  |  |  | Administrative expenses | 28,800 | 1 |
|  |  |  | Cash misappropriated | 20,000 | 1 |
|  |  |  | Bal c/f | 50,800 | 0.5 |
|  | 548,200 |  |  | 548,200 |  |

(b)

Trading account for 3 months ended 31 March 2009

| Trading account for 3 months ended 31 March 2009 |  |  |  |
| :--- | ---: | ---: | ---: |
|  |  | $\$$ | $\$$ |
| Sales |  | 480,000 | $\mathbf{2 . 5}$ |
| Less: Cost of sales | 97,700 |  |  |
| $\quad$ Opening stock | 340,300 | $\mathbf{0 . 5}$ |  |
| Purchases | 438,000 |  | $\mathbf{2 . 5}$ |
|  |  | 38,000 | 400,000 |
| Less: Stock loss | $\mathbf{1 . 5}$ |  |  |
| Gross profit $(\$ 480,000 \times 20 / 120)$ |  | 80,000 | $\mathbf{1}$ |

Workings:

| Trade debtors |  |  |  |  |
| :--- | ---: | :--- | ---: | ---: |
|  | $\$$ |  |  |  |
| Bal b/f | 73,650 | $\mathbf{0 . 5}$ | Bank | 483,200 |
| $\mathbf{0 . 5}$ |  |  |  |  |
| Sales | 480,000 | $\mathbf{0 . 5}$ | Discounts allowed | 9,050 |
| $\mathbf{0 . 5}$ |  |  |  |  |
|  |  |  | Bal c/f | 61,400 $\mathbf{0 . 5}$ <br> 553,650  |


| Trade Creditors |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- |
|  | $\$$ |  | $\$$ |  |
| Bank | 328,600 | $\mathbf{0 . 5}$ | Bal b/f | 46,750 |
| $\mathbf{0 . 5}$ |  |  |  |  |
| Discounts received | 6,150 | $\mathbf{0 . 5}$ | Purchases | 340,300 |
| $\mathbf{0 . 5}$ |  |  |  |  |
| Bal c/f | 52,300 | $\mathbf{0 . 5}$ |  |  |
| $\underline{387,050}$ |  | $\underline{387,050}$ |  |  |

## Question 5

(a),(b)

Cauliflower Company
Manufacturing, Trading and Profit and Loss account for the year ended 31 December 2008

|  | \$ | \$ | \$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Raw materials consumed |  |  |  |  |
| Opening stock |  | 162,000 |  | 0.5 |
| Add Purchase | 4,530,000 |  |  | 0.5 |
| Carriage inwards | 38,000 | 4,568,000 |  | 0.5 |
|  |  | 4,730,000 |  |  |
| Less Closing stock |  | 464,000 | 4,266,000 | 0.5 |
| Manufacturing wages |  |  | 1,880,000 | 0.5 |
| Prime cost |  |  | 6,146,000 | 0.5 |
| Factory overhead: |  |  |  |  |
| Indirect labour |  | 4,790,000 |  | 0.5 |
| Rent and rates (\$1,000,000-200,000) $\times 75 \%$ |  | 600,000 |  | 1 |
| Telephone ( $\$ 71,000+9,000) \times 40 \%$ |  | 32,000 |  | 1 |
| Insurance ( $\$ 43,000-7,000$ ) $\times 85 \%$ |  | 30,600 |  | 1 |
| Factory power |  | 525,000 |  | 0.5 |
| Repairs to machinery ( $\$ 158,000+2,000)$ |  | 160,000 |  | 0.5 |
| Sundry expenses ( $15,000 \times 20 \%$ ) |  | 3,000 |  | 0.5 |
| Loss on disposal of plant and machinery (\$600,000 |  | 245,000 |  | 1 |
| $\times 70 \%-175,000$ ) |  |  |  |  |
| Provision for depreciation - plant and machinery |  | 720,000 |  | 1 |
| $(\$ 7,500,000-600,000) \times 10 \%+\$ 600,000 \times 10 \% \times$ |  |  |  |  |
| 6/12 |  |  |  |  |
| Provision for depreciation - motor vehicles |  | 50,000 | 7,155,600 | 0.5 |
| (\$250,000 $\times 20 \%$ ) |  |  |  |  |
|  |  |  | 13,301,600 |  |
| Add: Work-in-progress as at 1.1.2008 |  |  | 20,000 | 0.5 |
|  |  |  | 13,321,600 |  |
| Less: Work-in-progress as at 31.12.2008 |  |  | 80,000 | 0.5 |
| Production cost of goods completed |  |  | 13,241,600 | 0.5 |
| Sales |  |  | 19,500,000 | 0.5 |
| Less: Cost of goods sold |  |  |  |  |
| Opening stock |  | 80,000 |  | 0.5 |
| Add: Production cost of goods completed |  | 13,241,600 |  | 0.5 |
|  |  | 13,321,600 |  |  |
| Less: Closing stock |  | 240,000 | 13,081,600 | 0.5 |
| Gross Profit |  |  | 6,418,400 | 0.5 |
| Less: Expenses |  |  |  |  |
| Office salaries |  | 1,730,000 |  | 0.5 |

Page 16

| Carriage outwards | 36,000 | $\mathbf{0 . 5}$ |
| :--- | ---: | ---: |
| Rent and rates $(\$ 1,000,000-200,000) \times 25 \%$ | 200,000 | $\mathbf{0 . 5}$ |
| Telephone $(\$ 71,000+9,000) \times 60 \%$ | 48,000 | $\mathbf{0 . 5}$ |
| Insurance $(\$ 43,000-7,000) \times 15 \%$ | 5,400 | $\mathbf{0 . 5}$ |
| Bad debts | 22,000 | $\mathbf{0 . 5}$ |
| Sundry expenses $(\$ 15,000 \times 80 \%)$ | 12,000 | $\mathbf{0 . 5}$ |
| Provision for depreciation - Office equipment | 65,000 | $\mathbf{0 . 5}$ |
| $(675,000-350,000) \times 20 \%$ |  |  |
| Increase in provision for doubtful debts | 14,500 |  |
| $(\$ 2,270,000 \times 5 \%-99,000)$ |  | $\mathbf{1}$ |
| Loan interest $(\$ 2,500,000 \times 10 \% \times 9 / 12)$ | 187,500 | $2,320,400$ |
| profit |  | $4,098,000$ |

(c)

Cauliflower Company


## Question 6

(a)

Trading and Profit and Loss and Appropriation Account for the year ended 31 December 2008

|  | \$ | \$ |  |
| :---: | :---: | :---: | :---: |
| Sales |  | 500,000 | 0.5 |
| Less: Cost of sales |  |  |  |
| Opening stock | 124,800 |  | 0.5 |
| Add: Purchases | 200,000 |  | 0.5 |
|  | 324,800 |  |  |
| Less: Closing stock | 180,000 | 144,800 | 0.5 |
| Gross profit |  | 355,200 | 0.5 |
| Less: Wages | 32,000 |  | 0.5 |
| Office expenses | 93,000 |  | 0.5 |
| Rent and rates | 145,000 |  | 0.5 |
| Discounts allowed | 30,000 |  | 0.5 |
| Depreciation on fixed assets ( $\$ 288,000 \times 10 \%$ ) | 28,800 | 328,800 | 0.5 |
| Net profit |  | 26,400 | 0.5 |
| Less: Appropriations |  |  |  |
| Salary - Chan | 3,000 |  | 0.5 |
| Interest on capital |  |  |  |
| - Chan | 6,800 |  | 0.5 |
| - Wong | 5,200 |  | 0.5 |
| - Chow | 5,040 | 20,040 | 0.5 |
| Residual profit |  | 6,360 |  |
| Share of profit |  |  |  |
| - Chan |  | 3,180 | 0.5 |
| - Wong |  | 2,120 | 0.5 |
| - Chow |  | 1,060 | 0.5 |
|  |  | 6,360 |  |

(b)

| Revaluation |  |  |  |
| :--- | ---: | :--- | ---: |
|  | $\$$ |  |  |
| Stock | 1,200 | $\mathbf{0 . 5}$ | Machinery |
| Profit on revaluation |  |  | Motor vehicles |
| - Chan | 13,200 | $\mathbf{0 . 5}$ | Fixtures and fittings |
| - Wong | 8,800 | $\mathbf{0 . 5}$ | 14,400 |
| $\mathbf{4}$ | $\mathbf{1}$ |  |  |
| - Chow | $\underline{4,400}$ | $\mathbf{0 . 5}$ | 3,200 |

(c)

| Capital |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GW <br> write off | Chan | $\begin{array}{r} \text { Wong } \\ 50,000 \end{array}$ | $\begin{array}{r} \text { Chow } \\ 50,000 \end{array}$ | $\begin{array}{r} \text { Lee } \\ 50,000 \end{array}$ | 1 | Bal b/f | $\begin{array}{r} \text { Chan } \\ 170,000 \end{array}$ | $\begin{array}{r} \text { Wong } \\ 130,000 \end{array}$ | $\begin{array}{r} \text { Chow } \\ 126,000 \end{array}$ | Lee |  |
|  |  |  |  |  |  |  |  |  |  |  | 0.5 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Loan | 278,630 |  |  |  | 0.5 | Profit on revaluation | 13,200 | 8,800 | 4,400 |  | 1 |
| Bal c/f |  | 138,800 | 105,400 | 130,000 | 1.5 | Goodwill | 75,000 | 50,000 | 25,000 |  | 1 |
|  |  |  |  |  |  | Bank |  |  |  | 180,000 | 0.5 |
|  |  |  |  |  |  | Current | 20,430 |  |  |  | 0.5 |
|  | 278,630 | 188,800 | 155,400 | 180,000 |  |  | 278,630 | 188,800 | 155,400 | 180,000 |  |


(d)

## Wong, Chow and Lee

Balance Sheet as at 31 December 2008
Fixed Assets
Machinery
Motor vehicles
Fixtures and fittings

$$
\begin{array}{rl}
33,800 \\
286.800 & \mathbf{0 . 5}
\end{array}
$$

Current assets

| Stock | 178,800 |  | 0.5 |
| :---: | :---: | :---: | :---: |
| Debtors | 69,960 |  | 0.5 |
| Bank | 173,120 |  | 0.5 |
|  | 421,880 |  |  |
| Less: Current Liabilities |  |  |  |
| Creditors | 38,070 | 383,810 | 0.5 |
|  |  | 670,610 |  |
| Less: Long-term Liabilities |  |  |  |
| Loan from Chan |  | 278,630 | 0.5 |
|  |  | 391,980 |  |

Financed by

| Capital |  |  |  |
| :--- | :--- | ---: | :--- |
| - Wong | 138,800 |  |  |
| - Chow | 105,400 |  |  |
| - Lee | 130,000 | 374,200 | $\mathbf{1}$ |
| Current |  |  |  |
| - Wong | 2,340 |  |  |
| - Chow | 15,440 | 17,780 | $\mathbf{1}$ |
|  |  | 391,980 |  |

## Question 7

(a)

| Realization |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$ |  |  | \$ |  |
| Land and buildings | 56,580 | 0.5 | Bank loan | 38,400 | 1 |
| Furniture | 60,200 | 0.5 | Bank - Furniture | 48,160 | 1 |
| Motor vehicles | 53,700 | 0.5 | Capital - Adrian (Motor vehicles) | 48,000 | 0.5 |
| Goodwill | 120,000 | 0.5 | Bank - Stock | 23,500 | 0.5 |
| Stock | 23,230 | 0.5 | Bank - Debtors | 13,900 | 1 |
| Trade debtors | 20,400 | 0.5 | Bank - Prepaid rent | 2,380 | 1 |
| Prepaid rent | 3,400 | 0.5 | Discounts received | 3,880 | 1 |
| Commission | 1,390 | 1 | Loss on realization: |  |  |
| Realization expenses | 10,500 | 0.5 | Capital - Adrian | 68,472 | 0.5 |
|  |  |  | Capital - Ricky | 68,472 | 0.5 |
|  |  |  | Capital - Joey | 34,236 | 0.5 |
|  | 349,400 |  |  | 349,400 |  |

(b)

| Bank |  |  |  |  |  |
| :--- | ---: | ---: | :--- | ---: | :--- |
|  | $\$$ |  |  | $\$$ |  |
| Bal b/f | 2,310 | $\mathbf{0 . 5}$ | Bank loan | 57,600 | $\mathbf{1}$ |
| Realization - Furniture | 48,160 | $\mathbf{1}$ | Commission | 1,390 | $\mathbf{1}$ |
| Realization - Stock | 23,500 | $\mathbf{0 . 5}$ | Accrued expenses | 5,320 | $\mathbf{0 . 5}$ |
| Realization - Debtors | 13,900 | $\mathbf{1}$ | Realization expenses | 10,500 | $\mathbf{0 . 5}$ |
| Realization - Prepaid rent | 2,380 | $\mathbf{1}$ | Creditors | 30,620 | $\mathbf{0 . 5}$ |
| Capital - Adrian | 27,754 | $\mathbf{0 . 5}$ | Capital - Joey | $\underline{12,574}$ | $\mathbf{0 . 5}$ |
|  | $\underline{118,004}$ |  |  | $\underline{\underline{118,004}}$ |  |

(c)

| Capital accounts |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Adrian | Ricky | Joey |  |  |  | Adrian | Ricky | Joey |  |
|  | \$ | \$ | \$ |  |  | \$ |  | \$ | \$ |  |
| Current |  | 1,800 | 0.5 |  | Bal b/f |  | 90,000 | 50,000 | 50,000 | 0.5 |
| Realization - | 48,000 |  |  | 0.5 | Current |  | 11,750 |  | 4,050 | 1 |
| Motor vehicles |  |  |  |  |  |  |  |  |  |  |
| Loss on | 68,472 | 68,472 | 34,236 | 1.5 | Capital | - |  | 13,032 |  | 1 |
| realization |  |  |  |  | Adrian |  |  |  |  |  |
| Capital - | 13,032 |  | 7,240 | 1 | Capital | - |  | 7,240 |  | 1 |
| Ricky |  |  |  |  | Joey |  |  |  |  |  |
| Bank |  |  | 12,574 | 0.5 | Bank |  | 27,754 |  |  | 0.5 |
|  | 129,504 | 70,272 | 54,050 |  |  |  | 129,504 | 70,272 | 54,050 |  |

