HONG KONG ASSOCIATION FOR BUSINESS EDUCATION

HONG KONG DIPLOMA OF SECONDARY EDUCATION EXAMINATION 2012/13

BUSINESS, ACCOUNTING AND FINANCIAL STUDIES MOCK EXAMINATION

PAPER 2A
ACCOUNTING MODULE
(SUGGESTED ANSWER)

Section A

Question 1

Ben Co.
Income Statement for the year ended 31 December 2012

| Income statement for the year ended of 1 | \$ | \$ |
|--|--------|--------|
| Sales | | 27,500 |
| Less Cost of goods sold: | | |
| Opening inventory | | |
| Add Purchases | 35,500 | |
| | 35,500 | |
| Less Closing inventory [(\$200 - \$110) x \$205] | 18,450 | 17,050 |
| Gross profit | | 10,450 |
| Less Expenses: | | |
| Rent and rates (\$6,500 – \$1,500+\$1,000) | 6,000 | |
| Sundry expenses $(1,800 - 1,200 \times 3/12)$ | 1,500 | |
| Depreciation [(4,500-500)/4 x9/12] | 750 | 8,250 |
| Net Profit | _ | 2,200 |

Question 2a

(1) Current ratio =
$$\frac{$383,000}{$136,785}$$
 = 2.80

(2) Acid test ratio =
$$\frac{$383,000 - $200,000}{$136,785} = 1.34$$

(3) Return on capital employed (year end) =
$$\frac{$200,000}{$646,215} x 100\% = 30.95\%$$

(4) Gross profit margin =
$$\frac{\$1,740,000}{\$3,000,000} x100\% = 58.00\%$$

(5) Net profit margin =
$$\frac{$200,000}{$3,000,000} x100\% = 6.67\%$$

(6) Accounts receivables collection period (days) =
$$\frac{\$176,000}{\$3,000,000}$$
 x365 days = 21.41 days

Question 2b

Liquidity

These ratios are important indicators of the short-term viability of the company. A company may go into insolvency because of liquidity problems rather than poor profitability.

Compared with the industry average, both the current ratio and acid test ratio are lower than that. This may initially be considered as a sign of the deterioration in liquidity, and less liquid or near liquid assets in terms of its ability to meets its current liabilities. Management should investigate the reasons for the decline and try to keep current assets at an acceptable level.

Profitability

The gross profit margin and net profit margin are lower than industry average. The net profit margin is 6.67% indicated that ineffective internal cost control of the company in terms of salaries and other expenses. Management should investigate methods to further control costs.

Return on owners' equity is lower than industry average. This shows that company has room to improve how to utilize its assets to generate profit.

Management efficiency

Accounts receivables collection period is slightly higher than industry average. Management should consider offering discounts or other alternative in order to keep the accounts receivables collection period as short as possible.

Question 3

(a) The list of expenses in November can be classified into:

| (i) | (1) |
|-------|-----|
| (ii) | (3) |
| (iii) | (2) |
| (iv) | (3) |
| (v) | (2) |
| (vi) | (1) |

(b) Cost calculation:

| | \$ | \$/m2 of Sum |
|------------------------------|-----------------------------|--------------|
| Direct material | 48+1.5 | 49.5 |
| Direct labour | 0.8 x 40 | 32 |
| Special supervision | 0.1 x50 | 5 |
| (1) Prime cost (round to nea | rest dollar) | 87 |
| Variable overhead | [(\$1.4M x 0.8)/5,000]x 0.8 | 179.2 |
| Manufacturing overheads | [(\$1.4M x 0.2)/5,600]x 1 | 50.0 |
| Administration cost | \$498,400/ 5,600 | 89.0 |
| (2) Total unit cost | | 405 |

(3) Sun has a margin = 0.25 of selling price; Costs = 0.75 of S.P.
$$405 \, / \, 0.75 = \$540 \, / \, m^2$$

(c) Dr. Manufacturing overhead (i.e. 580 m² x \$405=\$234,900) \$234,900

Cr. Inventory written off

\$234,900

Question 4 (a)

| Cash Book | | | | | |
|-----------------------------------|---------|-------------------------|---------|--|--|
| | \$ | | \$ | | |
| Balance b/d | 12,686 | Payments | 496,400 | | |
| Receipts | 450,000 | | | | |
| Balance c/d | 33,714 | | | | |
| | 496,400 | | 496,400 | | |
| | | | | | |
| (6) Accounts payables / Creditors | 8,200 | Balance b/d | 33,714 | | |
| (10) Dividends | 43,223 | (2) Bank charges | 2,400 | | |
| (4) Cheque overstated | 360 | (7) Subscription | 6,100 | | |
| | | (9) Accounts receivable | 3,100 | | |
| | | Balance c/d | 6,469 | | |
| | 51,783 | | 51,783 | | |

Question 4 (b)

| | \$ | \$ |
|----------------------------------|-------|--------|
| Balance as per bank statement | | 13,599 |
| Add: (3) Uncredited deposit | | 8,450 |
| | | 22,049 |
| Less: (5) Unpresented cheque | 9,580 | |
| (8) Fixed deposit recorded twice | 6,000 | 15,580 |
| Balance as per Cash Book | _ | 6,469 |

Section B

Question 5(a)

| Accounts Receivable | | | | | | |
|---------------------|------------------|---------|--------|-------------|---------|--|
| 2012 | | \$ | 2012 | | \$ | |
| Jan 1 | Balance b/f | 61,400 | | Bank | 285,000 | |
| | Credit sales | 274,200 | Jul 31 | Balance c/f | 50,600 | |
| | | 335,600 | | | 335,600 | |
| | Accounts Payable | | | | | |
| 2012 | | \$ | 2012 | | \$ | |
| | Bank | 435,400 | Jan 1 | Balance b/f | 41,100 | |
| | | | | Bank | 8,600 | |
| Jul 31 | Balance c/f | 37,800 | | Purchases | 423,500 | |
| | | 473,200 | | | 473,200 | |

Question 5(b)

| | | B | ank | | |
|-------|---------------------------|---------|--------|--------------------|---------|
| 2012 | | \$ | 2012 | | \$ |
| Jan 1 | Balance b/f | 52,800 | | Accounts payable | 435,400 |
| | Accounts receivable | 285,000 | | Rent and rates | 83,700 |
| | Account payable - refund | 8,600 | | General exp | 44,580 |
| | Cash Sales (net proceeds) | 300,000 | Jul 31 | Balance c/f | 82,720 |
| | | 646,400 | | | 646,400 |
| | | C | ash | | |
| 2012 | | \$ | 2013 | | \$ |
| Jan 1 | Balance b/f | 1,700 | | Bank | 300,000 |
| | Sales proceeds | 425,700 | | Drawings(8000 x 7) | 56,000 |
| | | | | Advertising | 9,000 |
| | | | | Cash lost | 61,900 |
| | | | Jul 31 | Balance c/f | 500 |
| | | 427,400 | - | | 427,400 |

Question 5(c)

Ko Kong Company

| Income Statement for the seven months ended 31 July 2012 | | | | |
|--|---|----------|-----------|--|
| | | \$ | \$ | |
| Sales | (\$274200 + \$425,700*) | | 699,900 | |
| Less | Cost of goods sold: | | | |
| | Opening inventory | 51,500 | | |
| | Add Purchases | 423,500 | | |
| | | 475,000 | | |
| | Less Closing inventory | (10,000) | (465,000) | |
| | | | 234,900 | |
| Gross | profit | | | |
| Less | Expenses: | | | |
| | Rent and rates (\$83,700 - \$9,900 x 2**) | 63,900 | | |
| | General expenses | 44,580 | | |
| | Cash Lost | 61,900 | | |
| | Advertising (9,000 x 7/12) | 5,250 | | |
| | Depreciation on F & F [\$250,200 - \$180,000] | 70,200 | (245,830) | |
| Net L | oss | | (10,930) | |
| * [46 | 55,000 - (274200 x 100/120)] x 180 / 100 | | | |

Question 6(a)

Two examples of using cost allocation in this question are consumables materials and indirect labour.

^{** \$9,000} x 6 (Jan – Jun's) + \$9,900(July's)

Question 6(b)

| | <u>Production departments</u> | | Services de | <u>partments</u> |
|---------------------------------|-------------------------------|----------------|-------------|------------------|
| | Polishing | Hand Finishing | Maintenance | Warehouse |
| | (\$) | (\$) | (\$) | (\$) |
| Consumable materials | 320,000 | 80,000 | | |
| Indirect Labour | 72,000 | 18,000 | 55,800 | 16,200 |
| Power | 416,000 | 41,600 | 31,200 | 31,200 |
| Factory rent and rates (Area) | 780,000 | 120,000 | 120,000 | 180,000 |
| Canteen (number of employees) | 77,250 | 92,700 | 25,750 | 10,300 |
| Depreciation (NBV of Machinery) | 496,000 | 62,000 | | 62,000 |
| | 2,161,250 | 414,300 | 232,750 | 299,700 |
| Re-apportionment: | | | | |
| Warehouse | 254,745 | 29,970 | 14,985 | -299,700 |
| Maintenance | 198,188 | 49,547 | -247,735 | |
| | 2,614,183 | 493,817 | nil | nil |

The pre-determined overhead absorption rates:

Polishing Department (based on machine hours)

\$2,614,183 / \$4,759 = \$549 per machine hour (Round to whole dollar)

Hand finishing department (based on direct labour hours)

\$493,817 / \$20,690 = \$24 per direct labour hour (Round to whole dollar)

Question 6(c)

| | | Per unit of Super | 1,000 units of Super |
|---|------|-------------------|----------------------|
| | \$ | \$ | \$ |
| Direct material (\$28 + \$0.8) | | 28.8 | 28,800 |
| Direct Labour (0.7+0.8) x \$45+0.2x1.2x\$45 | | 78.3 | 78.300 |
| Prime costs | | 107.1 | 107,100 |
| Overheads absorbed | | | |
| Polishing: (114 x 549) / 1,000 | 62.6 | | |
| Hand Finishing: $(0.8 + 0.2) \times 24$ | 24.0 | 86.6 | 86,600 |
| Production Costs | | 193.7 | 193,700 |
| Mark-up (25% on cost) | _ | 48.4 | 48,425 |
| Sale price (to one decimal place) | | 242.1 | 242,125 |
| Total Batch Price | | | 242,125 or |
| (Due to round off) | | | 242,100 |

Question 6(d)

| | Actual labour | Actual | Overheads | Over/Under- |
|----------------|---------------|-----------|----------------|----------------|
| | hours | Overheads | absorbed | absorption |
| Hand Finishing | 20,805 | \$514,500 | =\$20,805 x 24 | Under-absorbed |
| department | 20,803 | φ314,300 | =\$499,320 | by \$15,180 |

Question 6(e)

Leisure Limited can consider to find the minimum cost of 'Super"

--Direct Material: not relevant to decision = 0

--Direct Labour and Special O/T costs from above = \$78.3

--Indirect overheads = 0

Total Minimum cost for a batch $= $78.3 \times 1,000$

= \$78,300

Question 7

| (a1) Profit and loss appropriation account for the year ended 31 December 2012 | | | | | | | |
|--|--------------|--------|-----------|---------------------|--------|--------|---------|
| | | \$ | \$ | | | \$ | \$ |
| Net loss | | | 50,000 | Share of loss: | | | |
| Interest on capital: | | | | Arron (\$119,250 * | 3/6) | | 59,625 |
| Arran (\$600,000 | * 5%) | 30,000 | | Barry (\$119,250 * | 2/6) | | 39,750 |
| Barry (\$400,000 | * 5%) | 20,000 | | Carmen (\$119,250 | * 1/6) | | 19,875 |
| Carmen (\$385,00 | 00 * 5%) | 19,250 | 69,250 | | | | |
| | _ | | 119,250 | | | _ | 119,250 |
| (a2) | | | Reva | luation | | | |
| | | | \$ | | | | \$ |
| Inventory | | | 12,500 | Motor vehicles | | | 35,000 |
| Allowance for dou | ıbtful debts | | 19,600 | Loss on revaluation | : | | |
| Premises | | | 200,000 | Arran (x 3/6) | | | 98,550 |
| | | | | Barry (x 2/6) | | | 65,700 |
| | | _ | | Carmen (x 1/6) | | _ | 32,850 |
| | | _ | 232,100 | | | _ | 232,100 |
| (a3) | | • | Current a | ccount | | _ | |
| | Arron | Barry | Carmen | | Arron | Barry | Carmen |
| | \$ | \$ | \$ | | \$ | \$ | \$ |
| Balance b/d | 40,000 | | | Balance b/d | | 10,000 | 30,000 |
| Share of loss | 59,625 | 39,750 | 19,875 | Int. on capital | 30,000 | 20,000 | 19,250 |
| Balance c/d | | | 29,375 | Capital | 69,625 | | |
| | | | | Balance c/d | | 9,750 | 30,000 |
| | 99,625 | 39,750 | 49,250 | | 99,625 | 39,750 | 49,250 |
| | | | | = | | | |

| Capital | | | | | | | | | |
|----------------|---------|---------|---------|---------|-------------|---------|---------|---------|---------|
| | Arron | Barry | Carmen | Daniel | | Arron | Barry | Carmen | Daniel |
| | \$ | \$ | \$ | \$ | | \$ | \$ | \$ | \$ |
| Loss on rev | 98,550 | 65,700 | 32,850 | | Balance b/d | 600,000 | 400,000 | 385,000 | |
| Gd adj.* | | 15,000 | 12,500 | 10,000 | Gd adj.* | 22,500 | | | |
| Current | 69,625 | | | | Bank | | | | 110,000 |
| Motor vehicles | 75,000 | | | | | | | | |
| Amt due to | | | | | | | | | |
| Arron | 40,000 | | | | | | | | |
| Loan | 339,325 | | | | | | | | |
| Balance c/d | | 319,300 | 339,650 | 100,000 | | | | | |
| | 622,500 | 400,000 | 385,000 | 110,000 | | 622,500 | 400,000 | 385,000 | 110,000 |

Workings:

| *Goodwill | adi | .: |
|-----------|-----|----|
|-----------|-----|----|

| | Before adjustment (\$) | | After adjustment (\$) | Net effect (\$) |
|---|------------------------|--------|-----------------------|---------------------|
| A | (30000-15000/2) = | 22,500 | | |
| В | (20000-15000/3) = | 15,000 | 30,000 | |
| C | (10000-15000/6) = | 7,500 | 20,000 | |
| D | | | 10,000 | _ |
| | (60000-15000) = | 45,000 | 60,000 | Cr. Goodwill 15,000 |

Alternative Answer:

| (a2) Revaluation | | | | |
|------------------|---|---|--|--|
| \$ | | \$ | | |
| 12,500 | Goodwill | 45,000 | | |
| 19,600 | Motor vehicles | 35,000 | | |
| 200,000 | Loss on revaluation: | | | |
| | Arran (x 3/6) | 76,050 | | |
| | Barry (x 2/6) | 50,700 | | |
| | Carmen (x 1/6) | 25,350 | | |
| 232,100 | | 232,100 | | |
| | | | | |
| 60,000 | Capital ~ Barry | 30,000 | | |
| | Capital ~ Carmen | 20,000 | | |
| | Capital ~ Daniel | 10,000 | | |
| 60,000 | | 60,000 | | |
| | \$ 12,500 19,600 200,000 232,100 60,000 | \$ 12,500 Goodwill 19,600 Motor vehicles 200,000 Loss on revaluation: | | |

| | | Capita | 11 | | | | |
|----|---------|--|---|---|--|-------------------|-------------------|
| ry | Carmen | Daniel | | Arron | Barry | Carmen | Daniel |
| \$ | \$ | \$ | | \$ | \$ | \$ | \$ |
| 00 | 25,350 | | Balance b/d | 600,000 | 400,000 | 385,000 | |
| 00 | 20,000 | 10,000 | Bank | | | | 110,000 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 00 | 339,650 | 100,000 | | | | | |
| 00 | 385,000 | 110,000 | | 600,000 | 400,000 | 385,000 | 110,000 |
| , | 700 | \$ \$ 700 25,350 900 20,000 900 339,650 | rry Carmen Daniel \$ \$ \$ 700 25,350 900 20,000 10,000 | rry Carmen Daniel \$ \$ \$ 700 25,350 Balance b/d 900 20,000 10,000 Bank | Arron S S S S Balance b/d 600,000 Bank S S S S S S S S S S S S S S S S S S S | rry Carmen Daniel | rry Carmen Daniel |

| (b) Statement of financial position as at 3 | 31 December 2012 | | |
|---|------------------|---------|-----------|
| Non-current assets | \$ | \$ | \$ |
| Premises | | | 1,000,000 |
| Plant and machinery | | | 450,000 |
| Motor vehicles | | | 140,000 |
| | | | 1,590,000 |
| <u>Current assets</u> | | | |
| Inventory | | 112,500 | |
| Accounts receivables | 490,000 | | |
| Less: Allowance for doubtful debts | 19,600 | 470,400 | |
| Bank (-45,000 + 110,000) | | 65,000 | |
| | | 647,900 | |
| Less: <u>Current liabilities</u> | | | |
| Accounts payables | 580,000 | | |
| Amount due to Arron | 40,000 | 620,000 | 27,900 |
| | | | 1,617,900 |
| | | | |
| Capital ~ Barry | | | 319,300 |
| Capital ~ Carmen | | | 339,650 |
| Capital ~ Daniel | | | 100,000 |
| | | | 758,950 |
| Current ~ Barry | | (9,750) | |
| Current ~ Carmen | | 29,375 | 19,625 |
| | | | 778,575 |
| Non-current liabilities | | | |
| Loan from Arron | | 339,325 | |
| Loan from Barry | | 500,000 | 839,325 |
| | | _ | 1,617,900 |

80,000

278,000

186,000

SECTION C

Question 8

(a) <u>Calculation of fixed manufacturing overheads absorption rate (OAR)</u>

| | Budgeted fixed manufacturing overheads | | <u>\$120,000</u> |
|-----|---|----------------------------|------------------|
| | Budgeted level of production activity | | 10,000 units |
| | Fixed manufacturing overheads absorption rate (\$120,000/10,000) | | \$12 per unit |
| | | | \$ |
| | Manufacturing overheads absorbed (\$12 x 9,900) | | 118,800 |
| | Actual manufacturing overheads | | 130,000 |
| | Under absorbed manufacturing overheads | | <u>11,200</u> |
| | | | |
| (b) | Income Statement for the year ended 31 Decem | nber 2012 | |
| (b) | Income Statement for the year ended 31 Decem | aber 2012 \$ | \$ |
| (b) | Sales (\$100 x 9,900) | | \$ 990,000 |
| (b) | · | | |
| (b) | Sales (\$100 x 9,900) | | |
| (b) | Sales (\$100 x 9,900) Less: Cost of goods sold | \$ | |
| (b) | Sales (\$100 x 9,900) Less: Cost of goods sold Variable costs (\$40 x 9,900) | \$ 396,000 | |
| (b) | Sales (\$100 x 9,900) Less: Cost of goods sold Variable costs (\$40 x 9,900) Manufacturing overheads absorbed (\$12 x 9,900) | \$ 396,000 118,800 | |
| (b) | Sales (\$100 x 9,900) Less: Cost of goods sold Variable costs (\$40 x 9,900) Manufacturing overheads absorbed (\$12 x 9,900) Product costs | \$ 396,000 118,800 514,800 | 990,000 |
| (b) | Sales (\$100 x 9,900) Less: Cost of goods sold Variable costs (\$40 x 9,900) Manufacturing overheads absorbed (\$12 x 9,900) Product costs | \$ 396,000 118,800 514,800 | 990,000 |
| (b) | Sales (\$100 x 9,900) Less: Cost of goods sold Variable costs (\$40 x 9,900) Manufacturing overheads absorbed (\$12 x 9,900) Product costs Add: Fixed manufacturing overheads under absorbed | \$ 396,000 118,800 514,800 | 990,000 |

(c) The net profit for the year ended 31 December 2012 would not be different because all the fixed manufacturing overheads incurred during the year are charged against the current-year profit either as cost of goods sold in absorption costing or period cost in marginal costing.

(d) Total fixed costs

Net profit

| | \$ |
|---|---------|
| Original budgeted fixed manufacturing overheads | 120,000 |
| Original budgeted fixed non-manufacturing overheads | 80,000 |
| Original budgeted fixed overheads | 200,000 |
| Maintenance cost | 4,500 |
| Depreciation [(\$34,000 - \$2,000)/2] | 16,000 |
| Total fixed costs | 220,500 |

Fixed non-manufacturing overheads

|--|

| | \$ | \$ |
|--|----|-------------|
| Selling price per unit | | 100 |
| Less: Variable costs per unit | | |
| Variable manufacturing costs per unit [\$40 x (1 - 5%)] | 38 | |
| Variable non-manufacturing costs per unit | 17 | 55 |
| Contribution per unit | _ | 45 |
| Breakeven point (in units) for year ending 31 December 2013: | | |
| Total fixed costs/Contribution per unit (\$220,500 / \$45) | _ | 4,900 units |

(e) Cost-Benefit Analysis for Acquisition of New Machine

| | \$ | \$ |
|---|--------|--------|
| Costs | | |
| Machine cost | | 34,000 |
| Maintenance cost (\$4,500 x 2) | | 9,000 |
| | | 43,000 |
| <u>Benefits</u> | | |
| Saving in variable manufacturing costs (\$40 x 5% x 10,000 x 2) | 40,000 | |
| Residual value as at 31 December 2014 | 2,000 | 42,000 |
| Net costs | | 1,000 |
| | | |

Therefore, the machine should not be acquired.

(f) *Maintenance cost should be considered* because it is an incremental cost incurred because of machine acquisition.

Depreciation should not be considered because it is an allocation of sunk cost and has no impact on the cash flow.

Remark:

As far as the explanation is reasonable, full mark (1 mark for each item) can be given.

However, if only "relevant costs" or "irrelevant costs" are mentioned without explanation, no mark will be given.

Total 20 marks

Question 9

(a)(1)

Peter Glynn Limited Income Statement for the year ended 31December 2012

| meome statement for the year chied 31Deec | mbci 2012 | _ |
|--|-----------|-----------|
| | | \$ |
| Turnover | | 850,000 |
| Cost of sales [\$18,500 + \$404,500 - (\$20,000 - \$14,500)] | <u> </u> | 417,500 |
| Gross profit | | 432,500 |
| Other revenues | | 20,500 |
| Administrative expenses (W1) | | (207,800) |
| Distribution expenses (W2) | | (150,700) |
| Other operating expenses (W3) | _ | (39,445) |
| Operating profit | | 55,055 |
| Finance expenses (\$100,000 x 15% + \$150,000 x 5% x 8/12) | _ | (20,000) |
| Profit before tax | | 35,055 |
| | \$ | |
| (W1) Directors' remuneration | 25,000 | |
| Depreciation: F & F [(\$700,000 - \$40,000) x 10%] | 66,000 | |
| Audit fee | 4,300 | |
| Sundry expenses | 32,000 | |
| Wages and salaries | 80,500 | |
| | 207,800 | |
| | \$ | |
| (W2) Carriage outwards | 13,500 | |
| Sales commission | 70,200 | |
| Depreciation: Motor (\$180,000 x 5%) | 9,000 | |
| Marketing expenses | 58,000 | |
| | 150,700 | |
| | \$ | |
| (W3) Discount allowed | 2,000 | |
| Bad debts | 40,390 | |
| Allowance for doubtful debts (\$7,045 – \$41,000 x 10%) | (2945) | |
| | 39,445 | |
| | | |

(a)(2) Peter Glynn Limited Statement of Financial Position as at 31 December 2012

| Statement of Financial Position as at 3 | 31 December 20 |)12 | Φ. |
|--|----------------|----------|--------------------|
| ASSETS Non-current assets | | | \$ |
| Property, plant and equipment (W4) | | | 675,000 |
| 1 Toperty, prant and equipment (W4) | | _ | 675,000 |
| Current assets | | _ | 073,000 |
| Inventory (\$20,000 - \$14,500) | | | 5,500 |
| Accounts receivable (W5) | | | 36,900 |
| Deposits | | | 40,000 |
| Bank | | | 32,310 |
| Cash | | | 9,030 |
| | | | 123,740 |
| | | _ | |
| Total assets | | _ | 798,740 |
| EQUITY AND LIABILITIES | | | |
| Capital and reserves | | | |
| Share capital | | | 350,000 |
| Reserves (W6) | | | 131,670 |
| Total equity | | _ | 481,670 |
| NT | | | |
| Non-current liabilities | | | 150,000 |
| 4.5% debentures 15% Bank Loan | | | 150,000 100,000 |
| 13% Balik Loali | | _ | 250,000 |
| Current liabilities | | _ | 230,000 |
| Accounts payable | | | 22,070 |
| Accruals (\$20,000 + \$25,000) | | | 45,000 |
| 1 (\$\pi_20,000 \pi_25,000) | | _ | 67,070 |
| | | _ | 07,070 |
| Total liabilities | | | 317,070 |
| | | _ | , |
| Total equity and liabilities | | _ | 798,740 |
| | \$ | \$ | |
| (W4) Furniture and fittings, at cost | э 660,000 | φ | |
| Less: Accumulated depreciation (\$40,000 + \$66,000) | (106,000) | 554,000 | |
| Motor Vehicles, at cost | 180,000 | 334,000 | |
| Less: Accumulated depreciation (\$50,000 + \$9,000) | (59,000) | 121,000 | |
| Less. Recallitation (\$50,000 + \$\psi_2,000) | (37,000) | 675,000 | |
| | • | \$ | |
| (W5) Accounts receivable | | 81,390 | |
| Less: Bad debts written off | | (40,390) | |
| | - | 41,000 | |
| Less: Allowance for doubtful debts (\$41,000 \times 10%) | | (4,100) | |
| (\$ 12,000 × 1070) | - | 36,900 | |
| | = | 20,200 | |

| | | \$ |
|------|-------------------------------------|---------|
| (W6) | Reserves are made up of: | |
| | Retained profits | |
| | Balance b/f | 12,000 |
| | Add: Profit before tax | 35,055 |
| | | 47,055 |
| | Share premium (\$41,000 + \$40,000) | 81,000 |
| | General reserve | 3,615 |
| | | 131,670 |

| (b) | | <u>Advantage</u> | <u>Disadvantage</u> |
|-----|-----------------------------|------------------------|-------------------------|
| | (1) Right issue | Higher rate of success | Lower share price |
| | (2) Secured Debentures | Lower rate of interest | Assets pledged |
| | (3) Bank Loan | Flexible | Higher rate of interest |
| | (Note: other related ensure | ra ara aggantabla) | |

(Note: other related answers are acceptable.)

****END OF SUGGESTED ANSWER****