# BUSINESS，ACCOUNTING AND FINANCIAL STUDIES PAPER 1 （Sample Paper） 

8.30 am－ 9.45 am（1 hour 15 minutes）<br>This paper must be answered in English

## GENERAL INSTRUCTIONS

（1）There are TWO sections，A and B，in this Paper．Section A consists of multiple－choice questions and Section B contains short questions．
（2）Answer ALL questions in Section A．There are two parts in Section B．Answer ALL questions in Part 1 and ONE of the two questions in Part 2.
（3）Answers to Section A should be marked on the Multiple－choice Answer Sheet while answers to Section B should be written in the Answer Book．In the Answer Book，start EACH question（not part of a question）on a NEW page．
（4）The Answer Sheet for Section A and the Answer Book for Section B must be handed in separately at the end of the examination．

## INSTRUCTIONS FOR SECTION A（MULTIPLE－CHOICE QUESTIONS）

（1）Read carefully the instructions on the Answer Sheet．After the announcement of the start of the examination，you should first stick a barcode label and insert the information required in the spaces provided．No extra time will be given for sticking on the barcode label after the＇Time is up＇ announcement．
（2）When told to open this book，you should check that all the questions are there．Look for the words＇END OF SECTION A＇after the last question．
（3）All questions carry equal marks．
（4）ANSWER ALL QUESTIONS．You are advised to use an HB pencil to mark all the answers on the answer sheet，so that wrong marks can be completely erased with a clean rubber．You must mark the answers clearly；otherwise you will lose marks if the answers cannot be captured．
（5）You should mark only ONE answer for each question．If you mark more than one answer，you will receive NO MARKS for that question．
（6）No marks will be deducted for wrong answers．

This sample paper aims to illustrate the revised Section B rubrics effective from the 2014 examination, and the related changes in the instructions and paper layout. The Section B questions are adapted from past papers as follows:

Question 1 - 2013 Question 1a
Question 2 - 2013 Question 2
Question 3 - 2012 Question 5
Question 4 - 2013 Question 7
Question 5a - Sample Paper (published in 2009) Questions 6a and 6b
5b - 2012 Question 4
Question 6a-2013 Questions 3a and 3b

$$
\text { 6b - } 2012 \text { Question 6b }
$$

## SECTION A (60 marks) Multiple-choice Questions

There are 30 questions in this section. Answer ALL questions. Choose the best answer for each question.

## The rubrics for Section A remain unchanged.

Please refer to past papers for questions in this section.

## End of Section A

## SECTION B (30 marks) Short Questions

Part 1 (20 marks) Answer ALL questions in this part.

1. Many people are using credit cards to purchase goods and services. Explain two benefits for customers of using credit card.
2. Ken owns a fast-food chain business with more than 50 outlets in Hong Kong. He is going to expand his business by offering delivery services all over Hong Kong. Wendy, a business consultant, recommends Ken to establish a telephone hotline centre in the Mainland to take orders from customers in Hong Kong and direct the Hong Kong outlets to deliver the meals.

Explain three types of external factors that would affect Ken's decision on whether to set up a telephone hotline centre in the Mainland.
(6 marks)
3. The following account information relates to Yip's business for the year ended 31 December 2012:

$$
\$
$$

| Office equipment | 220000 |
| :--- | ---: |
| Trade receivables | 67000 |
| Opening inventory | 34000 |
| Closing inventory | 42000 |
| Bank overdraft | 17600 |
| Trade payables | 26300 |
| Loan from Sam's Company (repayable in 2020) | 38000 |
| Opening capital | 231000 |
| Sales | 109000 |
| Purchases | 76100 |
| Rent and rates | 12000 |
| Salaries | 9000 |
| Other operating expenses | 7900 |
| Discounts received | 4100 |

Prepare the statement of financial position for Yip's business as at 31 December 2012.
(5 marks)
4. In the sales department of a firm, the manager and the sales representatives discussed and agreed on the sales target for a quarter. Throughout the quarter, the manager met the sales representatives regularly to discuss problems encountered and gave appropriate support. At the end of the quarter, the manager reviewed the performance of the sales representatives and gave them rewards and feedback.
(a) Name the principle of effective management applied in the above sales department.
(1 mark)
(b) From the sales department's point of view, explain two advantages of applying the principle of effective management named in (a).

Part 2 (10 marks) Answer ONE question in this part.
5. John Chan is the owner of a furniture manufacturing and trading business. Most of the furniture manufactured by his own factory in Hong Kong and the rest was purchased from several manufacturers in Shenzhen.
(a) The following are the financial ratios of the business for the year ended 31 December 2012:

|  | Business | Industry average |
| :--- | :---: | :---: |
| Turnover | $\$ 1250000$ | $\$ 1300000$ |
| Gross profit ratio | $38 \%$ | $60 \%$ |
| Net profit ratio | $6 \%$ | $42 \%$ |
| Current ratio | $2.8: 1$ | $2.3: 1$ |
| Liquid ratio | $0.8: 1$ | $1.2: 1$ |

(i) Give one reason why the gross profit ratio and net profit ratio of John's business are much lower than the industry averages.
(ii) Comment on the liquidity of John's business in 2012.
(b) John decided to freeze the salary of all staff for one year starting from 1 January 2014 and the following email was drafted to deliver the message:

## From: John Chan

To: All Staff
Subject: Salary
Dear all,
As you all know, the global economy is deteriorating and many people around the world have lost their jobs. You, especially those with poor qualifications and poor working attitudes, should be glad that you haven't been fired by the company. As the company is already being kind in not laying you off, please don't talk about the salary issue in the future as this has been discussed and finalised.

John

List two principles of effective communication and give an example of each from the above email to explain why the message is not effectively communicated in this case.
(4 marks)
6. Peter was a sole proprietor running a small business without any employees. He knew bookkeeping and had trouble recording transactions in a proper way.
(a) For each of the following situations, state the accounting principle or concept that has been violated a give a brief explanation.
(6 marks)
(i) Peter bought a pearl necklace worth $\$ 85000$ for his wife with the firm's cheque. He recorded the transaction as follows:

|  | Dr | Cr |
| :---: | :---: | :---: |
| Sundry expenses | $\$$ | $\$$ |
| Bank | 85000 |  |

(ii) Peter bought a notebook computer of $\$ 12000$ for office use with the firm's cheque. He heard from the dealer that its market value at that time was $\$ 14000$ and recorded the transaction as follows:

|  | Dr | Cr |
| :--- | :---: | :---: |
| Office equipment | $\$$ | $\$$ |
| Bank | 14000 |  |
| Gain on purchase of office equipment |  | 12000 |
|  |  | 2000 |

(b) Peter went bankrupt on 31 March 2013 and he decided to close the business. Give two types of stakeholders in Peter's business and explain the adverse effect of the closure on each of them. (4 marks)

## END OF PAPER

# BUSINESS，ACCOUNTING AND FINANCIAL STUDIES PAPER 2A <br> Accounting Module （Sample Paper） 

$10.30 \mathrm{am}-12.45 \mathrm{pm}$（2 hours 15 minutes）

This paper must be answered in English

## INSTRUCTIONS

（1）There are three sections in this paper．
（2）All questions in Sections $A$ and $B$ are COMPULSORY．You are required to answer ONE of the two questions in Section C．
（3）Write your answers in the answer book．Start EACH question（not part of a question）on a NEW page．

$$
\text { This sample paper aims to illustrate the revised rubrics effective from the } 2014
$$ examination. The questions are adapted from past papers as follows:

Question 1 - 2013 Question 1b
Question 2 - 2012 Question 2
Question 3 - 2013 Questions 3
Question 4 - 2013 Questions 4a and 4b
Question 5 - 2013 Question 5a
Question 6 - 2013 Questions 6
Question 7 - 2013 Questions 7a and 7b(1)

- 2013 Question 1a

Question 8 - 2012 Question 9

## SECTION A (24 marks)

Answer ALL questions in this section.

1. Amy Ltd had the following information:
(i) The bank reconciliation statement as at 28 February 2013 was as follows:
\$
Balance of cash at bank account as at 28 February 2013
62300
Unpresented cheque - 201542
Balance as per bank statement as at 28 February 2013
70100
(ii) The cheque 201542, dated 3 September 2012, remained unpresented at 31 March 2013. It is the practice of the bank not to honour cheques outstanding for more than six months.
(iii) Total receipts from customers and total payments to suppliers by cheque in the month of March 2013 were $\$ 287000$ and $\$ 82750$ respectively. All receipts were banked in March 2013. However, a cheque of \$32 110 from a customer was then found dishonoured on 28 March 2013.
(iv) During the month of March 2013, a credit transfer of $\$ 125000$ from a customer and dividend income of $\$ 2840$ were credited by the bank.
(v) A management fee of $\$ 8800$ accrued for February 2013 was paid by cheque on 4 March 2013.
(vi) A standing order for rent of \$165500 for the month of March 2013 was executed by the bank on 8 March 2013.

## REQUIRED:

Write up the cash at bank account for the month of March 2013.
(6 marks)
2. The non-current assets of Moody Company as at 31 December 2011 were as follows:

|  | Cost | Accumulated depreciation |
| :--- | :---: | :---: |
|  | $\$$ | $\$$ |
| Machinery (all purchased in 2008) | 3600000 | 3455000 |
| Lorries (all purchased in 2009) | 1850000 | 1200000 |

The following were transactions relating to the non-current assets of the company during 2012:
(i) On 1 March 2012, a piece of machinery was bought at a price of $\$ 2400000$. On the same date, a component costing $\$ 60000$ was installed into the machinery to increase its productivity over the coming four years.
(ii) On 1 January 2012, a lorry was bought at a price of $\$ 1900000$. The price included an insurance premium of \$36 000 covering the year ended 31 December 2012.

It is the company's policy to depreciate machinery at a rate of $25 \%$ per annum on cost, and lorries at a rate of $20 \%$ per annum using the reducing balance method.

## REQUIRED:

(a) For Moody Company,
(1) calculate the depreciation expenses of the machinery for the year ended 31 December 2012; ano
(3 marks)
(2) prepare the accumulated depreciation account of lorries for the year ended 31 December 2012.
(3 marks)
(b) Different methods are used to depreciate the non-current assets of Moody Company. Explain whether such a difference in accounting treatments violates the consistency principle.
(2 marks)
(Total: 8 marks)
3. Hansan Ltd undertakes electrical work according to customers' requirements. It has prepared the following budgeted information for the year 2014:

|  | $\$$ |
| :--- | ---: |
| Direct material cost | 500000 |
| Direct labour cost | 280000 |
| Production overheads | 780000 |
| Administrative overheads | 400000 |
|  |  |
| Budgeted activity levels include: | 5000 hours |
| Machine hours | 60000 hours |

Hansan Ltd uses a plant-wide predetermined production overhead absorption rate based on direct labour hours to allocate production overheads to jobs.

## REQUIRED:

(a) Calculate the predetermined production overhead absorption rate for the year 2014.
(2 marks)
(b) State one rationale for Hansan Ltd's choice of using the existing absorption base to calculate its predetermined production overhead absorption rate.
(2 marks)

The company has to price a job that would be started and completed in 2014. Information relating to the job is as follows:
(i) Direct materials: $\$ 250$ per metre. 100 metres are required.
(ii) Direct labour - Electricians: $\$ 60$ per hour. 200 hours are required.

- Apprentices: $\$ 35$ per hour. 300 hours are required.

Administrative overheads are allocated to the job based on $25 \%$ of production cost. The company maintains a net profit margin of $50 \%$.

## REQUIRED:

(c) Calculate the selling price of this job, showing separately the amount of:

- prime cost
- production cost
- total cost


## SECTION B (36 marks)

Answer ALL questions in this section.
4. Carrie and Daisy have been in partnership sharing profits and losses in the ratio of 3:2. On 1 January 2012, Carrie retired from the partnership and Ellen was admitted as a new partner. The balances of the partnership before the retirement and admission were as follows:

| Dr. | Cr. |
| :---: | :---: |
| $\$$ | $\$$ |
|  | 700000 |
| 72000 | 650000 |
| 1250000 | 247000 |
| 600000 |  |
| 550000 |  |
| 100000 |  |
| 2572000 |  |

Upon the retirement of Carrie and the admission of Ellen, the partners agreed on the following:
(i) Ellen brought in $\$ 850000$ cash into the partnership.
(ii) The balance of Carrie's current account was to be transferred to her capital account on her retirement date.
(iii) Property was to be revalued at $\$ 2320000$ and the net book value of equipment was to be decreased by $20 \%$.
(iv) An allowance for doubtful debts of $4 \%$ was to be made.
(v) A cheque for $\$ 230000$ would be paid to Carrie immediately after her retirement and the remaining balance owed would be left as a long-term interest-free loan to the new partnership.
(vi) Goodwill was to be valued at $\$ 350000$. No goodwill account was to be maintained in the books.
(vii) Interest on capital at 4\% per annum was to be allowed and Daisy was entitled to a salary of \$5000 per month.
(viii) Daisy and Ellen were to share profits and losses equally.

## REQUIRED:

(a) Prepare the partners' capital accounts in columnar form as at 1 January 2012, showing the retirement of Carrie and admission of Ellen.
(6 marks)
(b) If the net profit for the year 2012 was $\$ 300000$, prepare the partners' current accounts in columnar form for the year ended 31 December 2012.
(4 marks)
(Total: 10 marks)
5. Mr Luk is a retailer who does not keep proper accounting records for his business. On 31 Dece his accountant disappeared suddenly and all cash in hand was stolen. Some of the accounting reco also missing. After investigation, the following information is available:
(i) All sales were made on cash basis at a uniform mark-up of $40 \%$ for the year 2012.
(ii) A summary of receipts and payments based on the cash at bank account for the year ended 31 December 2012 showed the following:

| Receipts | $\$$ |
| :--- | :---: |
| Cash deposit | 1203000 |
|  | $\$$ |
| Payments | 226000 |
| Administrative expenses | 987900 |
| Payments to suppliers | 120850 |
| Drawings (by Mr Luk) | 64300 |
| Selling expenses | $\underline{1419100}$ |
| Bank charge | $\underline{ }$ |

(iii) During 2012, selling expenses of $\$ 44000$ were paid in cash.
(iv) The insurance company had agreed to compensate the business for $50 \%$ of the cash stolen.
(v) Balances of the business as at 31 December were as follows:

|  | 2011 | 2012 |
| :--- | :---: | :---: |
|  | $\$$ | $\$$ |
| Office equipment, net (with a cost of \$187 500) | 150000 | $?$ |
| Inventory | 123000 | 110900 |
| Cash at bank | 392100 | $?$ |
| Trade payables | 149000 | 102800 |
| Accrued administrative expenses | - | 1150 |
| Prepaid selling expenses | 20000 | - |
| Capital | 547000 | $?$ |
| Cash in hand | 10900 | $?$ (before stolen) |

(vi) Depreciation is to be provided on office equipment at a rate of $20 \%$ per annum using the straight-line method.

## REQUIRED:

Prepare an income statement for the year ended 31 December 2012, showing the cash loss separately.
(11 marks)
6. Eva Company manufactures stainless steel mailboxes. The budgeted income statement for the $y$ as follows:

|  | $\$$ |
| :--- | ---: |
| Sales | 960000 |
| Direct materials cost | $(120000)$ |
| Direct labour cost | $(150000)$ |
| Fixed production overheads | $(190000)$ |
| Variable production overheads | $(66000)$ |
| Fixed administrative overheads | $\underline{(57000)}$ |
| Net profit | $\underline{377000}$ |

## REQUIRED:

(a) Compute for the mailboxes
(1) the contribution margin ratio (as a percentage), (2 marks)
(2) the breakeven sales for 2014, and
(3) the margin of safety (as a percentage up to two decimal places) for 2014.
(b) Assume that the management of Eva Company is considering offering a 5\% commission on all sales.
(1) Recompute the contribution margin ratio (as a percentage).
(2) Recompute the breakeven sales for 2014 (to the nearest dollar) and state the effect of the sales commission on breakeven sales.
(2 marks)
(3) If the management expects sales revenues to be increased by $\$ 100000$ because of this, would you recommend Eva Company to offer the sales commission? Show your calculations.
(3 marks)
(c) Why is a decline in the margin of safety an issue of concern to the management of a company?

## SECTION C (20 marks)

Answer ONE question in this section.
7. The balances of Able Company as at 31 December were as follows:

|  | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ |
| :--- | :---: | :---: |
|  | $\$$ | $\$$ |
| 4\% Long-term loans | 67000 | 120000 |
| 8\% Short-term loans | 23100 | 60000 |
| Accounts payables | 43300 | 100200 |
| Accounts receivables | 37500 | 85864 |
| Bank overdraft | - | 15000 |
| Cash at bank | 32020 | - |
| Cash in hand | 200 | 500 |
| Inventory | 79680 | 162936 |
| \$5 Ordinary shares, fully paid | 155000 | 155000 |
| Property, plant and equipment, net | 254000 | 333622 |
| Retained profits | 115000 | 132722 |

Additional information:
(i) All sales were made on credit.
(ii) On 31 December 2010, inventory and accounts receivables were $\$ 88320$ and $\$ 37260$ respectively.
(iii) Total sales amount shown in the sales journal for 2011 and 2012 amounted to $\$ 454790$ and $\$ 625942$ respectively. Gross profit was $\$ 96110$ for 2011 and $\$ 230191$ for 2012. However, it was then discovered that a sales invoice of 2012 for $\$ 14000$ had been omitted from the records of the books.
(iv) There had been no change in share capital since 2010. The balance of the retained profits at 31 December 2010 was \$69 521.
(v) In 2011 and 2012, no tax expenses were incurred and no dividend was declared.

## REQUIRED:

(a) Calculate (to two decimal places) the following ratios for 2011 and 2012 (assume 365 days per year):
(1) current ratio
(2) liquid ratio
(3) average accounts receivables collection period
(4) inventory turnover (in times)
(5) net profit ratio
(6) earnings per share (14 marks)
(b) Based on the ratios calculated in (a) above, briefly comment on the profitability of Able Company for the year 2012.
(3 marks)

The two directors of Able Company believed that the company had a very good reputation in the industry. Director Lee proposed to quantify that at an amount of $\$ 300000$ as goodwill. Director Chan agreed and the bookkeeper credited the amount to sundry revenue on 31 March 2013.

## REQUIRED:

(c) State and explain the accounting principle or concept that has been violated.
8. After closing all the nominal accounts and preparing the draft income statement, the ledger Dragon Ltd as at 31 December 2012 are as follows:

|  | $\begin{gathered} \text { Dr. } \\ \$ \end{gathered}$ | $\begin{gathered} \text { Cr. } \\ \$ \end{gathered}$ |
| :---: | :---: | :---: |
| \$2 Ordinary shares, fully paid |  | 4000000 |
| Share premium |  | 319000 |
| Retained profits as at 31 December 2012 |  | 996500 |
| Inventory as at 31 December 2012 | 545000 |  |
| Property, plant and equipment |  |  |
| - Cost | 4800000 |  |
| - Accumulated depreciation as at 31 December 2012 |  | 1240000 |
| Trade receivables and trade payables | 716400 | 691500 |
| Prepayment [ note (vi) ] | 424800 |  |
| Cash at bank | 760800 |  |
|  | 7247000 | 7247000 |

During the internal audit process, the following items were discovered:
(i) The management of the company decided to provide allowance for doubtful debts starting from 2012. An allowance of $5 \%$ on outstanding trade receivables should be provided for the year ended 31 December 2012, but no entries had been made in the books.
(ii) To finance the expansion of the business, the authorised share capital of \$5000 000 was increased to $\$ 15000000$ on 15 December 2012. On the same date, 600000 ordinary shares of $\$ 2$ each had been issued at $\$ 6$ each. All the monies subscribed had been received and shares had been allotted on 28 December 2012. However, no entries had been made in the books.
(iii) On 1 December 2012, a five-year $2 \%$ debenture of $\$ 900000$ in total had been issued at par. Debenture interest is payable on 31 March and 30 September each year. All the monies subscribed were duly collected. In order to obtain the cash discount of $4 \%$ from a supplier, one-quarter of the monies collected was used to pay the supplier during the discount period as the full settlement of its account. However, entries regarding all the above transactions were omitted from the books.
(iv) A piece of equipment with both cost and accumulated depreciation of \$726000 on 1 January 2012 was sold for $\$ 156000$ on the same date. The transaction was recorded in the books as cash sales of \$165 000.
(v) On 31 December 2012, the board of directors of the company resolved to transfer $\$ 135000$ to the general reserve. However, no entries had been made in the books.
(vi) During the year 2012, advertising expenditure amounting to $\$ 424800$ had been incurred and paid. The company estimated that the sales volume could be increased by 5\% and 15\% in 2013 and 2014 respectively as a result of the advertising. The book-keeper had therefore recorded the payment for advertising as a prepayment in 2012, to be written off as expenses in 2013 and 2014.

## REQUIRED:

(a) Prepare for Dragon Ltd
(1) the journal entries necessary for correcting the errors and the omission in (i) to (vi) above (narrations are not required); and (10 marks)
(2) the statement of financial position as at 31 December 2012 after taking into the account the above adjustments.
(7 marks)
(b) Comment on the accounting treatment of advertising expenditure in item (vi).

## END OF PAPER

# BUSINESS，ACCOUNTING AND FINANCIAL STUDIES PAPER 2B Business Management Module （Sample Paper） 

$10.30 \mathrm{am}-12.45 \mathrm{pm}$（2 hours 15 minutes）<br>This paper must be answered in English

## INSTRUCTIONS

（1）There are three sections in this paper．
（2）All questions in Sections $A$ and $B$ are COMPULSORY．You are required to answer ONE of the two questions in Section C．
（3）Write your answers in the answer book．Start EACH question（not part of a question）on a NEW page．

This sample paper aims to illustrate the revised rubrics effective from the 2014 examination. The questions are adapted from past papers as follows:

```
    Question 1 - 2013 Question 1
    Question 2 - 2013 Question 2
    Question 3 - 2013 Questions 3
    Question 4-2012 Questions 5
    Question 5 - Sample Paper (published in 2009) Question 5
    Question 6 - 2013 Questions 7a, 7b, 7c and 7e
    Question 7 - 2013 Questions 8a, 8b, 8d(ii) and 8e(i)
    Question 8-2013 Question 9
    Question 9 - 2013 Question 10
```


## SECTION A (24 marks)

Answer ALL questions in this section.

1. Briefly describe three uses of performance appraisal to a company.
(6 marks)
2. Explain three types of factors that a company would consider to evaluate the risk of granting credit to a customer.
3. From the perspective of customer relationship management, give two reasons why retaining existing customers is more important than attracting new customers.
4. State two benefits to a bookstore of using e-marketing to perform its distribution function.
5. Explain two disadvantages to a company of using interviews in the recruitment process.

Answer ALL questions in this section.
6. Yummy Group is a listed fast food chain in Hong Kong, established by Mr Lee twenty years ago.

In a meeting, Mr Lee said, "I want to discuss two issues today. First, as discussed before, the fast food market is saturated, so is it time for us to diversify our business? Second, in view of the recent incidents of food poisoning in some local fast food chains, we have to formulate strategies to manage this risk."

The Marketing Director, Miss Ma said, "People in Hong Kong are now more health conscious. Instead of focusing our business on fast food, we can diversify our business to the health food market. I propose to set up some organic food restaurants offering health food like fresh fruit juices, salads and sandwiches using organic ingredients. Unlike in our fast food chain, there would be waiters in these restaurants to serve the customers. I have conducted some preliminary studies and found that the middle-class should be our target customers. I have also generated many initial ideas on the menu and will conduct a market research to help sorting out those alternatives that are feasible."

Mr Lee said, "You have done a good job. However, are you sure that the middle-class is an effective market segment for us? Do we have enough capital to carry out this diversification project?"

Miss Ma remarked, "Based on the criteria for evaluating a market segment, the proposed segment is the most effective. Since the segment is new to us, we have to find ways to promote the organic food restaurants."
(a) Suggest two risk management strategies for handling the risk of food poisoning faced by Yummy Group.
(4 marks)
(b) Give two types of data collection method that Miss Ma can use in conducting the market research. Explain each with an example.
(4 marks)
(c) With reference to the criteria for evaluating a market segment, explain why the middle-class is an effective market segment for organic food restaurants.
(6 marks)
(d) With reference to any two elements of the promotion mix, suggest one way each to promote the organic food restaurants.
(4 marks)
(Total: 18 marks)
7. Wing Hung is a locally-based department store chain established seventy years ago. Mr Richara the founder, took over the business forty years ago. He is going to retire and plans to pass the busine son, Raymond. He has asked Raymond to visit the stores and study the business.

After several store visits, Raymond reported his observations to Richard, "I think our employees lack initiative and their service quality fails to meet today's standard. It seems that they have to follow rigid rules in carrying out their duties."

Richard responded, "I do it this way on purpose. I believe that close supervision and motivation by money are the keys to our success. I pay them salaries at a higher rate than the market level. They are required to listen to my instructions and stick to the existing practices. You should follow my management style in order to be successful."

Raymond replied, "You may be right, maybe we can consider other monetary compensation methods to motivate our employees to perform better. We can also provide some training to enhance their quality of service. In addition, as on-line purchasing is very popular nowadays, we should launch an on-line shopping system. According to my estimation, the initial installation will cost $\$ 12$ million and the net cash flows would be $\$ 4$ million per year for a useful life of four years."

Richard replied, "Very good. The payback period of the project is short! We can get back the investment very quickly."

Raymond said, "Using the payback period method alone to evaluate the project is not appropriate, we need to calculate its net present value as well."
(a) With reference to McGregor's Theory X and Theory Y, state three assumptions that Richard holds in relation to managing his employees. Illustrate each with an example.
(6 marks)
(b) Apart from providing above market level salaries, suggest three other types of monetary compensation methods that Wing Hung could adopt to motivate its employees to perform better.
(6 marks)
(c) Give two reasons why it is not appropriate to use the payback period method to evaluate the on-line shopping project.
(4 marks)
(d) Based on Raymond's estimates of the cash flows for the on-line shopping project, and assuming a discount rate of $8 \%$ per annum, calculate the net present value of the project (to the nearest dollar). Show your workings.
(2 marks)
(Total: 18 marks)

SECTION C (20 marks)

Answer ONE question in this section.
8. A retail chain uses accounting ratios and budget variance analysis to evaluate its performance.
(a) Illustrate with examples what aspects of the retail chain's performance could be evaluated by accounting ratios.
(b) Explain the possible causes of budget variance in the retail chain.
9. As its product reaches the growth stage of the product life cycle, a company considers expanding its business and recruiting more managers internally.
(a) Describe the characteristics of the growth stage of the product life cycle.
(b) Explain the advantages to the company of recruiting managers internally.
(8 marks)

## END OF PAPER

