

# 臺灣期貨交易所 99 年新進人員招募試題

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專業科目：審計學、資訊安全

\*請填寫入場通知書編號：\_\_\_\_\_

注意：①本試卷為一張單面，共有 6 大題之非選擇題，其中 4 題配分各為 15 分，2 題配分各為 20 分。  
②限用藍、黑色鋼筆或原子筆於答案卷上採英文橫式作答（以中文作答者，該題不予計分），並請從答案卷內第一頁開始書寫，違反者該科酌予扣分。所有題目不必抄題但須標示題號。  
③應考人得使用簡易型計算機；於測驗時將不符規定之電子計算機放置於桌面或使用，若經勸阻無效，仍執意使用，該科扣 10 分；計算機並由監試人員保管至該節測驗結束後歸還。  
④答案卷務必繳回，未繳回者該科以零分計算。

## 題目一：

Generally accepted accounting principles set certain requirements for disclosure of related parties and related party transactions. Similarly, the SASs set requirements for the audit of related parties and related party transactions.

### Required:

- Define related party as used for generally accepted accounting principles and explain the disclosure requirements for related parties and related party transactions. 【5 分】
- Explain why disclosure of related party transactions is relevant information for decision makers. 【5 分】
- Assume that you know the material related party transactions occurred and were transacted at significantly less favorable terms than ordinarily occur when business is done with independent parties. The client refuses to disclose these facts in the financial statements. What are the auditor's responsibilities? 【5 分】

## 題目二：

You are evaluating audit results for assets in the audit of Roberts Manufacturing. You set the preliminary judgment about materiality at \$50,000. The account balances, tolerable misstatement, and estimated overstatements in the accounts are shown next.

Account	Account Balance	Tolerable Misstatement	Estimate of Total Overstatements
Cash	\$ 50,000	\$ 5,000	\$ 1,000
Accounts receivable	1,200,000	30,000	20,000
Inventory	2,500,000	50,000	?
Other assets	<u>250,000</u>	<u>15,000</u>	<u>12,000</u>
Total	<u>\$4,000,000</u>	<u>\$100,000</u>	<u>?</u>

### Required:

- Assume you tested inventory amounts totaling \$1,000,000 and found \$10,000 in overstatements. Ignoring sampling risk, what is your estimate of the total misstatement in inventory? 【5 分】
- Based on the audit of the assets accounts and ignoring other accounts, are the overall financial statements acceptable? Explain. 【5 分】
- What do you believe the auditor should do in the circumstances? 【5 分】

### 題目三：

The following are partial descriptions of internal controls for companies engaged in the manufacturing business:

1. When Mr. Clark orders materials for his machine-rebuilding plant, he sends a duplicate purchase order to the receiving department. During the delivery of materials, Mr. Smith, the receiving clerk, records the receipt of shipment on this purchase order. After recording, Mr. Smith sends the purchase order to the accounting department, where it is used to record materials purchased and accounts payable. The materials are transported to the storage area by forklifts. The additional purchased quantities are recorded on storage records.
2. Every day, hundreds of employees clock in using time cards at Generous Motors Corporation. The timekeepers collect these cards once a week and deliver them to the computer department. There, the data on these time cards are entered into the computer. The information entered into the computer is used in the preparation of the labor cost distribution records, the payroll journal, and the payroll checks. The treasurer, Mrs. Webber, compares the payroll journal with the payroll checks, signs the checks, and returns them to Mr. Strode, the supervisor of the computer department. The payroll checks are distributed to the employees by Mr. Strode.
3. The smallest branch of Connor Cosmetics in South Bend employs Mary Cooper, the branch manager, and her sales assistant, Janet Hendrix. The branch uses a bank account in South Bend to pay expenses. The account is kept in the name of “Connor Cosmetics-Special Account.” To pay expenses, checks must be signed by Mary Cooper or by the treasurer of Connor Cosmetics, John Winters. Cooper receives the cancelled checks and bank statements. She reconciles the branch account herself and files cancelled checks and bank statements in her records. She also periodically prepares reports of cash disbursements and sends them to the home office.

#### Required:

- a. List the deficiencies in internal control for each of these situations. 【10分】
- b. How would you improve internal controls for each of the three companies? 【10分】

### 題目四：

- a. What are limitations of firewall (give any 3 limitations)? 【9分】
- b. Also, why is it important for the local system administrator to understand what ports are being used by application in a firewall on the Intranet? 【6分】

### 題目五：

Simply define “authentication”. Also, name and describe three authentication methods for safeguarding information resources. 【15分】

### 題目六：

- a. What is PKI? Also, differentiate between Symmetric Encryption and Asymmetric Encryption. 【12分】
- b. In addition, what two services are provided by IPSec on the Internet? 【8分】