

東吳大學 110 學年度碩士班研究生招生考試試題

第 1 頁，共 5 頁

系級	會計學系碩士班	考試時間	100 分鐘
科目	審計學	本科總分	100 分

※一律作答於答案卷上(題上作答不予計分)；並務必標明題號，依序作答。

一、(8%) Match each of the following categories of general controls (letters A-D) to the description of a computer control (numbers 1-8). A category of general controls can be used more than once.

- A. Program development controls
- B. Program change controls
- C. Computer operations controls
- D. Access to programs and data controls

1. Separating the duties of systems programmers, computer operators, and data librarians.
2. Using the Systems Development Life Cycle for testing and validation of new programs.
3. Requiring the use of passwords to access computer programs and files.
4. Requiring program modifications to be tested and implemented by appropriate personnel.
5. Maintaining backup copies of files at safe, remote locations.
6. Involving users in the design of programs and selection of prepackaged software.
7. Using external labels to identify files and programs.
8. Ensuring that emergency requests are appropriately documented and properly authorized.

二、(11%) Match each of the following input controls (letters A-K) with the description or type of error that might be detected by this control (numbers 1-11). Each input control relates to only one description or type of error.

<ul style="list-style-type: none"> A. Authorization and approval controls B. Check digit C. Record count D. Batch totals E. Hash totals F. Valid character tests 	<ul style="list-style-type: none"> G. Valid sign tests H. Missing data tests I. Limit and reasonableness tests J. Error correction and resubmission procedures K. Data entry and formatting
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1. Data values exceed or fall below some predetermined limit.
2. Comparing number of payroll transactions received for processing with the number of transactions entered into a transaction file.
3. Data fields have the appropriate positive or negative sign.
4. Sum of a data field that has numerical significance.
5. Ability of data entry personnel to correct data conversion errors in a timely fashion.
6. Computer may automatically generate and authorize transactions.

東吳大學 110 學年度碩士班研究生招生考試試題

第 2 頁，共 5 頁

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7. A numerical field appended to another numerical field to ensure accurate input of data.
8. Sum of a data field that has no numerical significance.
9. Data fields have the appropriate numeric or alphabetic characters.
10. Data conversion personnel will not fail to enter data in a particular field.
11. Data are inadvertently input in an incorrect field.

三、(9%) Each of the following quality control policies and procedures is typical of ones that can be found in public accounting firms' systems of quality control. Identify each of them with one of the six elements of quality control identified by 第 46 號審計準則公報。

1. Assign management responsibilities in such a manner that commercial considerations do not override the quality of work performed.
2. Establish policies and procedures for resolving differences of opinion among firm personnel that arise during professional engagements.
3. Develop policies and procedures to ensure that professionals are provided appropriate professional development opportunities.
4. Review engagement documentation, report, and the client's financial statements.
5. Develop effective performance evaluation, competency, capability, and resources to appropriately serve a specific client.
6. Identify circumstances and relationships that create threats to independence and take appropriate action to eliminate those threats or reduce them to an acceptable level.
7. Identify whether the firm possesses the competency, capability, and resources to appropriately serve a specific client.
8. Devote sufficient resources to develop, communicate, and support the firms' quality control procedures.
9. Retain engagement documentation for a sufficient period of time to satisfy the needs of the firm, professional standards, laws, and regulations.

四、(15%) The following 4 situations (A-D) are independent.

- A. Paul, CPA, has participated in the audit of A Company for five years, first as an assistant accountant and last two years as the senior accounts. Paul has never seen an accounting adjustment recommendation and believes the inherent risk must be zero.
- B. Hill CPA, has just (November 30) completed an exhaustive study and evaluation of the internal controls of B Company (fiscal year ending December 31). Hill believes the control risk must be zero because no material errors could possibly slip through the many error-checking procedures and review layers that B Company used.

東吳大學 110 學年度碩士班研究生招生考試試題

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C. Philly, CPA, is lazy and does not like audit jobs. On the audit of C Company, Philly decided to use substantive procedures to audit the year-end balances very thoroughly to the extent that the risk of failing to detect material errors and irregularities should be 0.02 or less. Philly gave no thought to inherent risk and conducted only a very limited review of C Company's internal control system.

D. Alice, CPA, is nearing the end of a "dirty" audit of D Company. All of D Company's accounting personnel resigned during the year and were replaced by inexperienced people. The comptroller resigned last month in disgust. The journals and ledgers were a mess because the one computer specialist was hospitalized for three months during the year. "Thankfully," Alice thought, "I've been able to do this audit in less time than last year when everything was operating smoothly".

Required:

1. List the audit risk model.
2. Consider the preceding 4 situations and decide whether the auditor's conclusion is appropriate using the audit risk model.

五、(15%) *Johnson CPA Firm* audited *Good Savings & Loan Company*. Mr. Johnson had the assignment of evaluation the collectability of real estate loans. Johnson was working on two particular loans: (1) A \$4 million loan secured by *Smith Street Apartments* and (2) a \$5.5 million construction loan on *Baker Street Apartments* now being built. The appraisals performed by *Good Appraisal Partners Inc.* showed values in excess of the loan amount. On inquiry, Bush, the *Good Savings & Loan* vice president for loan acquisition, stated, "I know the Smith Street loan is good because I myself own 40 percent of the partnership that owns the property and is obligated on the loan."

Johnson then wrote in the audit documentation: (1) the Smith Street loan appears collectible as Bush personally attested to knowledge of the collectability as a major owner in the partnership obligated on the loan; (2) the Baker Street loan is assumed to be collectible because it is new and construction is still in progress; and (3) the appraised values all exceed the loan amounts.

Required:

1. Do you perceive any problems with related-party involvement in the evidence used by Johnson? Explain.
2. Do you perceive any problems with Johnson's reasoning or the appropriateness of evidence used in the reasoning?

六、(12%) Assume that, when conducting procedures to obtaining an understanding of Max Company's internal controls, you checked "No" to the following 3 internal control questionnaire items:

1. Does access to online files required specific passwords to be entered to identify and validate the terminal user?
2. Does the user establish control totals prior to submitting data for processing? (Order entry application subsystem.)
3. Are input control totals reconciled to output control totals? (Order entry application subsystem.)

Required:

Describe the errors and frauds that could occur because of the weaknesses indicated by the lack of IT controls.

東吳大學 110 學年度碩士班研究生招生考試試題

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七、(12%) Your audit firm was recently engaged to conduct the financial statement audit for ABC Automotive, an original equipment manufacturer (OEM) in the automotive industry. As the senior manager on the engagement, you are performing initial audit planning and developing an understanding of ABC's business and industry. While the lead engagement partner has experience in the automotive industry, you have only worked on one other automotive engagement. As part of the planning process, you are reviewing news article and thought papers on the impact of autonomous vehicles on the industry, including OEMs. You come across a 2020 publication titled "Island of Autonomy: How Autonomous Vehicles Will Emerge in Cities Around the World," in which the authors predict that sales of personally owned sedan vehicles in the U.S. will drop from approximately 5.4 million in 2020 to 2.1 million by the year 2030 due to shifts in mobility patterns, particularly in major cities.

You are also aware that ABC Automotive recently had a significant recall on one of their parts that is a component of a popular sedan sold by one of the large automotive manufacturers. You read that a lawsuit has been filed related to an accident caused by the defective part.

Required:

1. Based on the information above, identify at least three business risks for ABC Automotive.
2. What impact could each of these 3 business risks potentially have on the client's financial statements, including footnote disclosures? Be specific in terms of the accounts and disclosure affected and in what way they would be affected.
3. What are additional sources of information that you could use to identify additional potential business risks?

八、(18%) The audit team of Packer Company identified the following general controls in obtaining its overall understanding of Packers' internal control over the automated processing of transactions:

1. Packer has routine maintenance on its computer equipment and related technology scheduled and performed every six months.
2. Packer has formal, written systems development and documentation standards for the implementation of new programs.
3. Prior to implementing modifications to its existing programs, Packer tests and validates the program changes to ensure accurate processing.
4. Packer has appropriately separated the responsibilities of systems analysts, programmers, and computer operators.
5. Packer's computer files are protected from loss through frequent backups and storage at an off-site location.
6. Access to computer files and programs is protected through the use of passwords.
7. On a monthly basis, Packer reviews any revisions in the access rights of its employees to ensure consistency between their new job responsibilities and files and programs they may access.

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Required:

1. List the four methods of testing the operation effectiveness of controls. (請填入表格內第一列中的 (1)-(4)位置處)。
2. For each of the preceding 7 controls, provide an example of how Packer’s audit team might choose to test the operating effectiveness of the control using the four methods of test controls. Not all types of tests of controls are appropriate for testing all of the controls.

請依以下格式作答於答案卷上，未依格式作答者不計分。

7 Controls	Test of controls	(1)	(2)	(3)	(4)
1					
2					
3					
....					