GENERAL

auditing and assurance services 14th edition chapter 10 solutions

Published: September 19, 2026 | Index ID: #-

Introduction

In the world of auditing, mastery of audit evidence and procedures is essential for delivering reliable and credible financial statements. The 14th edition of *Auditing and Assurance Services* offers a comprehensive view of these concepts, and Chapter 10 is pivotal for students and practitioners alike. This article dives deep into the solutions and practical guidance for Chapter 10, equipping readers with the tools to tackle complex audit scenarios, answer exam questions confidently, and apply best practices in real world engagements.

Overview of Chapter 10: Audit Evidence and Audit Procedures

Chapter 10 focuses on the heart of the audit process—how auditors gather, evaluate, and use evidence to form an opinion on financial statements. It covers:

- Audit Evidence: Types, reliability, and sufficiency.
- Audit Procedures: Planning, execution, and evaluation.
- Analytical Procedures: Trend analysis and ratio testing.
- Sampling: Techniques and error rate considerations.
- Tests of Controls: Design and operating effectiveness.
- Tests of Details: Substantive procedures on balances and transactions.
- Professional Skepticism: The auditor's mindset.

Understanding these elements is critical for addressing the numerous practice problems and case studies presented in the chapter. Below we break down each component, highlight common challenges, and provide actionable solutions.

Key Concepts Covered in Chapter 10

Audit Evidence

Audit evidence is the information that auditors collect to support their conclusions. It can be *external* (e.g., bank confirmations) or *internal* (e.g., reconciliations). The chapter emphasizes that evidence must be both **sufficient**—enough to support the audit opinion—and **appropriate**—reliable and relevant to the assertion being tested.

Audit Procedures

Audit procedures are the steps auditors take to gather evidence. They include **tests of controls**, **tests of details**, and **analytical procedures**. The chapter outlines how to design these procedures based on the assessed risk and materiality thresholds.

Analytical Procedures

Analytical procedures involve evaluating financial information through analysis of plausible relationships. The chapter discusses both **expected value analysis** and **ratio analysis** as tools to identify unusual fluctuations that warrant further investigation.

Sampling

Sampling reduces the amount of work needed while still providing reasonable assurance. Chapter 10 covers **statistical** and **non statistical** sampling, along with key parameters such as the acceptable error rate, materiality, and the expected error rate.

Tests of Controls

These procedures assess whether internal controls are designed and operating effectively. The chapter explains how to evaluate control risk and the impact of control deficiencies on substantive testing.

Tests of Details

Tests of details focus on individual transactions or balances. The chapter provides guidance on selecting appropriate audit procedures for specific assertions such as existence, completeness, and valuation.

Professional Skepticism

Professional skepticism is the auditor's mindset of questioning evidence and maintaining a critical attitude. Chapter 10 stresses that skepticism is essential when evaluating evidence, especially in high risk areas.

Common Challenges in Chapter 10

Students and auditors often encounter the following difficulties when working through Chapter 10:

- Distinguishing between sufficient and appropriate evidence.
- Designing audit procedures that align with the assessed risk.
- Choosing the correct sampling technique and determining sample size.
- Interpreting analytical procedures and deciding when to pursue further testing.
- Assessing control risk and its impact on substantive procedures.
- Applying professional skepticism in ambiguous situations.

Solution Strategies

Understanding the Conceptual Framework

The foundation of Chapter 10 is the audit evidence framework. Start by reviewing the **IFRS 13** and **ISA 300** principles, which guide the auditor's approach to evidence collection. By internalizing these standards, you'll be better prepared to evaluate whether evidence is both sufficient and appropriate.

Applying the Audit Evidence Standard

Use the following checklist when assessing evidence:

1. Reliability: Is the source credible? (e.g., bank confirmation vs. management estimate)
2. Relevance: Does the evidence support the specific assertion?
3. Completeness: Have all relevant items been examined?
4. Consistency: Does the evidence align with other information?

Document each assessment in your audit working papers to demonstrate compliance with ISA 500.

Designing Effective Audit Procedures

When planning procedures, follow this sequence:

1. Identify Risk: Determine the risk of material misstatement.
2. Set Materiality: Establish overall and specific materiality thresholds.

3. Select Assertions: Focus on high risk assertions for each account.
4. Choose Procedures: Decide between tests of controls and substantive procedures based on control risk.
5. Document Rationale: Explain why each procedure is appropriate.

Using Analytical Procedures Wisely

Analytical procedures should be used both as **screening**tools and as part of substantive testing. Follow these steps:

1. Identify Key Ratios: Profit margin, inventory turnover, receivables aging.
2. Establish Benchmarks: Use industry averages or prior periods.
3. Compare and Investigate: Flag significant deviations for follow up.
4. Document Findings: Record the rationale for further testing.

Sampling Techniques and Their Justification

Choose between statistical and non statistical sampling based on the audit context:

- Statistical Sampling: Provides quantifiable error rates; use when the sample size can be calculated and the audit objective demands it.
- Non Statistical Sampling: Useful for qualitative judgments or when the population is too large for statistical methods.

Always document the chosen technique, the sample size calculation, and the justification in your audit workpapers.

Assessing Internal Controls

To evaluate control risk:

1. Identify Controls: Map relevant controls to assertions.
2. Test Design: Evaluate if the control is designed to mitigate risk.
3. Test Operating Effectiveness: Perform tests of controls to confirm they function as intended.
4. Determine Impact: If controls are effective, reduce substantive procedures; otherwise, increase them.

Evaluating Audit Evidence and Forming an Opinion

After collecting evidence, assess whether it supports the audit opinion:

1. Assess Sufficiency: Does the volume of evidence meet the required threshold?
2. Assess Appropriateness: Are the sources reliable?
3. Identify Unresolved Issues: Are there any unaddressed risks?
4. Conclude: Form the audit opinion or decide on a modification.

Case Study Example

Consider a manufacturing company with a high inventory balance. The auditor identifies a risk of obsolescence. The audit approach would include:

- Performing analytical procedures on inventory turnover.
- Testing controls over inventory receiving and physical counts.
- Sampling inventory items for existence and valuation testing.
- Assessing the adequacy of the allowance for obsolete inventory.
- Documenting findings and adjusting the audit opinion if necessary.

Practice Questions and Answers

Question 1: Identify the appropriate audit procedures for testing the existence assertion of

accounts receivable.

Answer: The auditor should perform a test of details through vouching and confirmations. Specifically:

- Send written confirmations to a sample of customers.
- Reconcile confirmed amounts to the general ledger.
- Inspect receiving reports and sales invoices for a sample of transactions.
- Verify that recorded balances match the confirmation responses.

Question 2: How does the auditor determine the sample size for a statistical sample of inventory items?

Answer: The auditor calculates sample size using the following parameters:

- Desired confidence level (e.g., 95%).
- Acceptable error rate (e.g., 5%).
- Expected error rate (based on prior audit experience).
- Population size of inventory items.

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