CIA REVIEW
PART 1: ESSENTIALS OF INTERNAL AUDITING

by
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Revised for the 2019 CIA Exam
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Returns of books purchased from bookstores and other resellers should be made to the respective bookstore or reseller. For more information regarding the Gleim Return Policy, please contact our offices at (800) 874-5346 or visit www.gleim.com/returnpolicy.
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PREFACE

The purpose of this book is to help you prepare to pass Part 1 of the CIA exam. Our overriding consideration is to provide an affordable, effective, and easy-to-use study program. This book

1. Explains how to optimize your score through learning techniques perfected by Gleim CIA.
2. Defines the subject matter tested on Part 1 of the CIA exam.
3. Outlines all of the subject matter tested on Part 1 in 7 easy-to-use study units, including all relevant authoritative pronouncements.
4. Presents multiple-choice questions from past CIA examinations to prepare you for the types of questions you will find on your CIA exams. Our answer explanations are presented to the immediate right of each question for your convenience. Use a piece of paper to cover our explanations as you study the questions. You also should practice answering these questions on your exam-emulating review course practice exams. The review course provides detailed answer explanations of both the correct and incorrect answer choices.
5. Suggests exam-taking and question-answering techniques to help you maximize your exam score.

The outline format, the spacing, and the question-and-answer formats in this book are designed to facilitate readability, learning, understanding, and success on the CIA exam. Our most successful candidates use the Gleim Premium CIA Review System*, which includes our innovative SmartAdapt technology, first-of-their-kind Gleim Instruct video lectures, the Gleim Access Until You Pass guarantee, and comprehensive exam-emulating test questions. Students who prefer to study in a group setting may attend Gleim Professor-Led Reviews, which combine the Gleim Review System with the coordination and feedback of a professor.

To maximize the efficiency and effectiveness of your CIA review program, augment your studying with the CIA Exam Guide. This booklet has been carefully written and organized to provide important information to assist you in passing the CIA exam.

Thank you for your interest in our materials. We deeply appreciate the comments and suggestions we have received from thousands of CIA, CMA, CPA, and EA candidates; accounting students; and faculty during the past 5 decades.

If you use Gleim materials, we want your feedback immediately after the exam upon receipt of your exam scores. The CIA exam is nondisclosed, and you must maintain the confidentiality and agree not to divulge the nature or content of any CIA question or answer under any circumstances. We ask only for information about our materials, i.e., the topics that need to be added, expanded, etc.

Please go to www.gleim.com/feedbackCIA1 to share your suggestions on how we can improve this edition.

Good Luck on the Exam,

Irvin N. Gleim

September 2018

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READ THE CIA EXAM GUIDE: A SYSTEM FOR SUCCESS

Access the free Gleim CIA Exam Guide at www.gleim.com/passCIA and reference it as needed throughout your studying process to obtain a deeper understanding of the CIA exam. This booklet is your system for success.

OVERVIEW OF THE CIA EXAMINATION

The total exam is 6.5 hours of testing (including 5 minutes per part for a survey). It is divided into three parts, as follows:

<table>
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All CIA questions are multiple-choice. The exam is offered continually throughout the year. The CIA exam is computerized to facilitate easier and more convenient testing. Pearson VUE, the testing company that The IIA contracts to proctor the exams, has hundreds of testing centers worldwide. The online components of Gleim CIA Review provide exact exam emulations of the Pearson VUE computer screens and procedures so you feel comfortable at the testing center on exam day.
SUBJECT MATTER FOR PART 1

Below, we have provided The IIA’s abbreviated CIA Exam Syllabus for Part 1. This syllabus is for the revised CIA exam that will be offered beginning January 1, 2019. The percentage coverage of each topic is indicated to its right. We adjust the content of our materials to any changes in The IIA’s CIA Exam Syllabus.

Part 1: Essentials of Internal Auditing

I. Foundations of Internal Auditing 15%
II. Independence and Objectivity 15%
III. Proficiency and Due Professional Care 18%
IV. Quality Assurance and Improvement Program 7%
V. Governance, Risk Management, and Control 35%
VI. Fraud Risks 10%

Appendix B contains the CIA Exam Syllabus in its entirety as well as cross-references to the subunits in our text where topics are covered. Remember that we have studied the syllabus in developing our CIA Review materials. Accordingly, you do not need to spend time with Appendix B. Rather, it should give you confidence that Gleim CIA Review is the best and most comprehensive review course available to help you PASS the CIA exam.

The IIA has reported concerns from Part 1 candidates that Part 1 has tested topics that should be tested in Part 2 or Part 3. The IIA has clarified that while a Part 1 question may mention a Part 3 topic, such as IT terminology, the question is not testing the IT concept. Rather, it is testing a candidate’s understanding and interpretation of a Part 1 concept using an industry-related scenario, such as IT.

The takeaway is that candidates should read each question carefully and focus on the concepts in Part 1 and how the examples relate to these concepts.

NONDISCLOSED EXAM

As part of The IIA’s nondisclosure policy and to prove each candidate’s willingness to adhere to this policy, a Nondisclosure Agreement and General Terms of Use must be accepted by each candidate before each part is taken. This statement is reproduced here to remind all CIA candidates about The IIA’s strict policy of nondisclosure, which Gleim consistently supports and upholds.

I agree to comply with and be bound by The IIA’s rules, including this nondisclosure agreement and general terms of use. I understand that The IIA’s exam is confidential and secure, protected by civil and criminal laws of the United States and elsewhere. This exam is confidential and is protected by copyright law.

I have not accessed live questions that might appear on my exam. I agree not to discuss the content of the exam with anyone.

I will not record, copy, disclose, publish, or reproduce any exam questions or answers, in whole or in part, in any form or by any means before, during, or after I take an exam, including orally; in writing; in any internet chat room, message board, or forum; by SMS or text; or otherwise.

I have read, understand, and agree to the terms and conditions set forth in The IIA’s Certification Candidate Handbook including fees, policies, and score invalidations for misconduct, irregularities, or breaches in The IIA’s Code of Ethics.

I agree that The IIA has the right to withhold or invalidate any exam score when, in The IIA’s judgement, there is a good faith basis to question the validity of a score for any reason.

I understand that if I do not agree to this nondisclosure agreement and these conditions, I will not be permitted to take the exam, and I will forfeit my exam fee.
THE IIA’S REQUIREMENTS FOR CIA DESIGNATIONS

The CIA designation is granted only by The IIA. Candidates must complete the following steps to become a CIA®:

1. Complete the appropriate certification application form and register for the part(s) you are going to take. Check the CIA blog at www.gleim.com/CIAblog for more information on the application and registration process. The CIA Review course provides a useful checklist to help you keep track of your progress and organize what you need for exam day.

2. Pass all three parts of the CIA exam within 4 years of application approval.

3. Fulfill or expect to fulfill the education and experience requirements (see the free Gleim CIA Exam Guide).

4. Provide a character reference proving you are of good moral character.

5. Comply with The IIA’s Code of Ethics.

ELIGIBILITY PERIOD

Credits for parts passed can be retained as long as the requirements are fulfilled. However, candidates must complete the program certification process within 4 years of application approval. Candidates should note that this time period begins with application approval and not when they pass the first part. If a candidate has not completed the certification process within 4 years, all fees and exam parts will be forfeited.

Eligibility Extension: Candidates who have not successfully completed their exam(s), or who have been accepted into the program but have not taken their exam(s), have the opportunity to extend their program eligibility by 12 months. To take advantage of The IIA’s one-time Certification Candidate Program Extension, candidates must pay a set fee per applicant and apply through the Candidate Management System.

Transition Information: Candidates who passed one or two parts of the exam prior to 2019 and still need to pass one or two parts will not lose credit for the part(s) already passed. Credit for any part(s) passed in the pre-2019 version of the exam remains valid for the 4-year eligibility window that begins with the application date.

MAINTAINING YOUR CIA DESIGNATION

After certification, CIAs are required to maintain and update their knowledge and skills. Practicing CIAs must complete and report 40 hours of Continuing Professional Education (CPE)—including 2 hours of ethics training—every year. The reporting deadline is December 31. Complete your CPE Reporting Form through the online Certification Candidate Management System. Processing fees vary based on location, membership status, and the method you use to report. Contact Gleim for all of your CPE needs at www.gleim.com/cpe.
GLEIM CIA REVIEW WITH SmartAdapt

Gleim CIA Review features the most comprehensive coverage of exam content and employs the most efficient learning techniques to help you study smarter and most effectively. The Gleim CIA Review System is powered by SmartAdapt technology, an innovative platform that continually zeros in on areas you should focus on when you move through the following steps for optimized CIA review:

**Step 1:**
Complete a Diagnostic Quiz. Your quiz results set a baseline that our SmartAdapt technology will use to create a custom learning track.

**Step 2:**
Solidify your knowledge by studying the suggested Knowledge Transfer Outline(s) or watching the suggested Gleim Instruct video(s).

**Step 3:**
Focus on weak areas and perfect your question-answering techniques by taking the adaptive quizzes that SmartAdapt directs you to.

**Final Review:**
After completing all study units, take the Exam Rehearsal. Then, SmartAdapt will walk you through a Final Review based on your results.

To facilitate your studies, the Gleim Premium CIA Review System uses the most comprehensive test bank of CIA exam questions on the market. Our system’s content and presentation precisely mimic the whole exam environment so you feel completely at ease on test day.

**GLEIM KNOWLEDGE TRANSFER OUTLINES**

This edition of the Gleim CIA Review books has the following features to make studying easier:

1. **Examples:** We use illustrative examples, set off in shaded, bordered boxes, to make the concepts more relatable.

   **EXAMPLE**
   An internal audit activity was recently engaged to audit the final balance of inventory for the financial statements. During the audit, senior management contacted the lead auditor and stated that the internal audit activity would not be given access to the physical inventory.

   The denial of access to the inventory is a scope limitation. The internal audit activity needs to communicate the nature of the scope limitation and its potential effects to the board. This communication should preferably be in writing.

2. **Gleim Success Tips:** These tips supplement the core exam material by suggesting how certain topics might be presented on the exam or how you should prepare for an issue.

   Knowledge of the IPPF is important for understanding and distinguishing among the elements of the authoritative guidance on internal auditing. But it is more important that you **understand** and can accurately **apply** the **content** contained in the IPPF. Parts 1 and 2 of the CIA exam primarily test understanding and application of IPPF content.
3. **Guidance Designations:** In an effort to help CIA candidates better grasp The IIA authoritative literature, we have come up with visual indicators that clearly identify each type of guidance. If the following information does not make sense to you now, please come back and reread this section of the introduction after you have read pages 9-11 in Study Unit 1. This is where we explain the hierarchy of The IIA authoritative literature.

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2.1 **INDEPENDENCE OF THE INTERNAL AUDIT ACTIVITY**

1. **Independence**
   a. Independence is an organizational attribute of the internal audit activity as a whole. The IIA clarifies this distinction in the Interpretation below. (Objectivity is the subject of Subunit 2.2.)

   **Interpretation of Standard 1100 (para. 1)**
   Independence is the freedom from conditions that threaten the ability of the internal audit activity to carry out internal audit responsibilities in an unbiased manner. To achieve the degree of independence necessary to effectively carry out the responsibilities of the internal audit activity, the chief audit executive has direct and unrestricted access to senior management and the board. This can be achieved through a dual-reporting relationship. Threats to independence must be managed at the individual auditor, engagement, functional, and organizational levels.

   **Implementation Standard 1110.A1**
   The internal audit activity must be free from interference in determining the scope of internal auditing, performing work, and communicating results. The chief audit executive must disclose such interference to the board and discuss the implications.

4. **Memory Aids:** We offer mnemonic devices to help you remember important concepts.

   The following is a useful memory aid for the COSO classes of objectives:

   - **O** = **O**perations
   - **R** = **R**eporting
   - **C** = **C**ompliance
TIME-BUDGETING AND QUESTION-ANSWERING TECHNIQUES FOR THE EXAM

Having a solid multiple-choice answer technique will help you maximize your score on each part of the CIA exam. Remember, knowing how to take the exam and how to answer individual questions is as important as studying/reviewing the subject matter tested on the exam. Competency in both will reduce your stress and the number of surprises you experience on exam day.

1. **Budget your time so you can finish before time expires.**
   - Spend about 1 minute per question. This would result in completing 125 questions in 125 minutes to give you 25 minutes to review your answers and questions that you have marked.

2. **Answer the questions in consecutive order.**
   - Do not agonize over any one item or question. Stay within your time budget.
   - Never leave a multiple-choice question (MCQ) unanswered. Your score is based on the number of correct responses. You will not be penalized for answering incorrectly. If you are unsure about a question,
     - Make an educated guess,
     - Mark it for review at the bottom of the screen, and
     - Return to it before you submit your exam as time allows.

3. **Ignore the answer choices so that they will not affect your precise reading of the question.**
   - Only one answer option is best. In the MCQs, four answer choices are presented, and you know one of them is correct. The remaining choices are distractors and are meant to appear correct at first glance. *They are called distractors for a reason.* Eliminate them as quickly as you can.
   - In computational items, the distractors are carefully calculated to be the result of common mistakes. Be careful and double-check your computations if time permits.

4. **Read the question carefully to discover exactly what is being asked.**
   - Focusing on what is required allows you to
     - Reject extraneous information
     - Concentrate on relevant facts
     - Proceed directly to determining the best answer
   - Be careful! The requirement may be an *exception* that features a negative word.

5. **Decide the correct answer before looking at the answer choices.**

6. **Read the answer choices, paying attention to small details.**
   - Even if an answer choice appears to be correct, do not skip the remaining answer choices. Each choice requires consideration because you are looking for the best answer provided.
   - Tip: Treat each answer choice like a true/false question as you analyze it.

7. **Click on the best answer.**
   - You have a 25% chance of answering the question correctly by guessing blindly, but you can improve your odds with an educated guess.
   - For many MCQs, you can eliminate two answer choices with minimal effort and increase your educated guess to a 50/50 proposition.
     - Rule out answers that you think are incorrect.
     - Speculate what The IIA is looking for and/or why the question is being asked.
     - Select the best answer or guess between equally appealing answers. Your first guess is usually the most intuitive.
LEARNING FROM YOUR MISTAKES

Learning from questions you answer incorrectly is very important. Each question you answer incorrectly is an opportunity to avoid missing actual test questions on your CIA exam. Thus, you should carefully study the answer explanations provided until you understand why the original answer you chose is wrong, as well as why the correct answer indicated is correct. This study technique is clearly the difference between passing and failing for many CIA candidates.

Also, you must determine why you answered questions incorrectly and learn how to avoid the same error in the future. Reasons for missing questions include

1. Misreading the requirement (stem)
2. Not understanding what is required
3. Making a math error
4. Applying the wrong rule or concept
5. Being distracted by one or more of the answers
6. Incorrectly eliminating answers from consideration
7. Not having any knowledge of the topic tested
8. Employing bad intuition when guessing

It is also important to verify that you answered correctly for the right reasons. Otherwise, if the material is tested on the CIA exam in a different manner, you may not answer it correctly.

HOW TO BE IN CONTROL WHILE TAKING THE EXAM

You have to be in control to be successful during exam preparation and execution. Control can also contribute greatly to your personal and other professional goals. Control is a process whereby you

1. Develop expectations, standards, budgets, and plans
2. Undertake activity, production, study, and learning
3. Measure the activity, production, output, and knowledge
4. Compare actual activity with expected and budgeted activity
5. Modify the activity, behavior, or study to better achieve the desired outcome
6. Revise expectations and standards in light of actual experience
7. Continue the process or restart the process in the future

Exercising control will ultimately develop the confidence you need to outperform most other CIA candidates and PASS the CIA exam! Obtain our CIA Exam Guide for a more detailed discussion of control and other exam tactics.
IF YOU HAVE QUESTIONS ABOUT GLEIM MATERIALS

Gleim has an efficient and effective way for candidates who have purchased the Premium CIA Review System to submit an inquiry and receive a response regarding Gleim materials directly through their course. This system also allows you to view your Q&A session in your Gleim Personal Classroom.

Questions regarding the information in this introduction and/or the CIA Exam Guide (study suggestions, studying plans, exam specifics) should be emailed to personalcounselor@gleim.com.

Questions concerning orders, prices, shipments, or payments should be sent via email to customerservice@gleim.com and will be promptly handled by our competent and courteous customer service staff.

For technical support, you may use our automated technical support service at www.gleim.com/support, email us at support@gleim.com, or call us at (800) 874-5346.

FEEDBACK

Please fill out our online feedback form (www.gleim.com/feedbackCIA1) immediately after you take the CIA exam so we can adapt to changes in the exam. Our approach has been approved by The IIA.
1.1 APPLICABLE GUIDANCE

1. International Professional Practices Framework (IPPF)
   a. The Institute of Internal Auditors (The IIA) defines the mission of internal audit as follows:
      1) “To enhance and protect organizational value by providing risk-based and objective assurance, advice, and insight.”
      2) Facilitating the achievement of this mission is the IPPF.
   b. The IPPF organizes The IIA’s authoritative guidance so that it is accessible and strengthens The IIA as a global standard setter.
c. The IPPF contains **mandatory** guidance and **strongly recommended** guidance.

Knowledge of the IPPF is important for understanding and distinguishing among the elements of the authoritative guidance on internal auditing. But it is more important that you **understand** and can accurately **apply** the **content** contained in the IPPF. Parts 1 and 2 of the CIA exam primarily test understanding and application of IPPF content.

2. **Mandatory Guidance**
   
a. Adherence to the mandatory guidance is essential for the professional practice of internal auditing.

b. The mandatory guidance consists of four elements: the Core Principles for the Professional Practice of Internal Auditing, the Definition of Internal Auditing, the Code of Ethics, and the **Standards**.

1) The **Core Principles** are the basis for internal audit effectiveness. The internal audit function is effective if all principles are present and operating effectively. The following are the Core Principles:

   a) “Demonstrates integrity.
   b) Demonstrates competence and due professional care.
   c) Is objective and free from undue influence (independent).
   d) Aligns with the strategies, objectives, and risks of the organization.
   e) Is appropriately positioned and adequately resourced.
   f) Demonstrates quality and continuous improvement.
   g) Communicates effectively.
   h) Provides risk-based assurance.
   i) Is insightful, proactive, and future-focused.
   j) Promotes organizational improvement.”
2) The **Definition of Internal Auditing** is a concise statement of the role of the internal audit activity in the organization.

### Definition of Internal Auditing

Internal auditing is an independent, objective assurance and consulting activity designed to add value and improve an organization's operations. It helps an organization accomplish its objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of risk management, control, and governance processes.

3) The detailed text of the **Code of Ethics** is in Subunits 1.2 through 1.7.

4) The **Standards** (known formally as the *International Standards for the Professional Practice of Internal Auditing*) serve the following four purposes described by The IIA:

### Purpose of the Standards

2. Provide a framework for performing and promoting a broad range of value-added internal auditing services.
3. Establish the basis for the evaluation of internal audit performance.
4. Foster improved organizational processes and operations.

c. The **Standards** are vital to the practice of internal auditing, but CIA candidates need not memorize them. However, the principles they establish should be thoroughly understood and appropriately applied.

1) **Attribute Standards**, numbered in the 1000s, govern the responsibilities, attitudes, and actions of the organization's internal audit activity and the people who serve as internal auditors. They are displayed in green boxes throughout this text.

2) **Performance Standards**, numbered in the 2000s, govern the nature of internal auditing and provide quality criteria for evaluating the internal audit function's performance. Performance Standards also are displayed in green boxes.

3) **Interpretations** are provided by The IIA to clarify terms and concepts referred to in Attribute or Performance Standards. Interpretations are in light blue.

4) **Implementation Standards** expand upon the individual Attribute or Performance Standards by providing the requirements applicable to assurance (.A) or consulting (.C) services. Implementation Standards are displayed in gray boxes.

d. The Core Principles and the Definition of Internal Auditing are encompassed in the Code of Ethics and the **Standards**. Thus, conformance with the Code and the **Standards** demonstrates conformance with all mandatory elements of the IPPF.

3. **Strongly Recommended Guidance**

   a. The pronouncements that constitute strongly recommended guidance have been developed by The IIA through a formal approval process. They describe practices for effective implementation of the Core Principles, the Definition of Internal Auditing, the Code of Ethics, and the **Standards**.

   1) The two strongly recommended elements of the IPPF are (a) Implementation Guidance (IG) and (b) Supplemental Guidance.
4. **Purpose, Authority, and Responsibility of the Internal Audit Activity**

   a. **Purpose**

      1) As defined in The IIA Glossary, the purpose of the internal audit activity is to provide “independent, objective assurance and consulting services designed to add value and improve an organization’s operations. The internal audit activity helps an organization accomplish its objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of governance, risk management and control processes.”

      2) Per the Standards, **assurance services** involve the internal auditor’s objective assessment of evidence to provide opinions or conclusions regarding an entity, operation, function, process, system, or other subject matters. Accordingly, The IIA Glossary defines assurance services as an objective examination of evidence for the purpose of providing an independent assessment on governance, risk management, and control processes for the organization.

         a) The **nature and scope** of an assurance engagement are determined by the internal auditor.

         b) Generally, **three parties** are participants in assurance services: (1) the process owner (i.e., the person or group directly involved with the entity, operation, function, process, system, or other subject matter), (2) the internal auditor (i.e., the person or group making the assessment), and (3) the user (i.e., the person or group using the assessment).

         c) Assurance services include performing financial, performance, compliance, system security, and due diligence engagements.

      3) Per the Standards, **consulting services** are advisory in nature and are generally performed at the specific request of an engagement client. Accordingly, The IIA Glossary defines consulting services as activities intended to add value and improve an organization’s governance, risk management, and control processes without the internal auditor assuming management responsibility.

         a) The **nature and scope** of the consulting engagement are subject to agreement with the engagement client.

         b) Generally, **two parties** are participants in consulting services: (1) the internal auditor (i.e., the person or group offering the advice), and (2) the engagement client (i.e., the person or group seeking and receiving the advice). When performing consulting services the internal auditor should maintain objectivity and not assume management responsibility.

         c) Consulting services include providing counsel, advice, facilitation, and training.

   b. **Authority**

      1) The support of management and the board is crucial when inevitable conflicts arise between the internal audit activity and the department or function under review. Thus, the internal audit activity should be empowered to require auditees to grant access to all records, personnel, and physical properties relevant to the performance of every engagement.

         a) A formal **charter** for the internal audit activity that defines the internal audit activity’s purpose, authority, and responsibility must be adopted, and it should contain a grant of sufficient authority. Final approval of the charter resides with the board. (The internal audit charter is the subject of Subunit 1.8.)